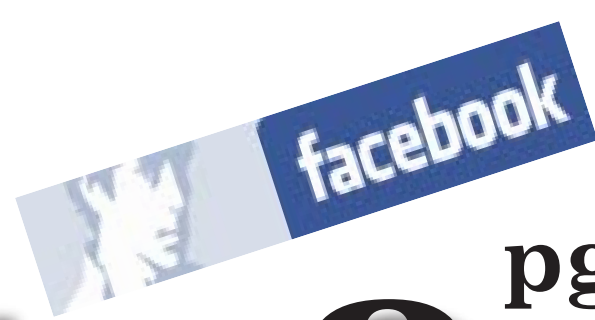




Vs.



THE OREDIGGER

THE VOICE OF THE COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING

Scoggins on the Stand New Prez Speaks Out

By Shaemus Gleason
Editor-In-Chief

Dr. William "Bill" Scoggins took the helm as the 16th president of the Colorado School of Mines on June 19 beating out 70 other candidates.

Scoggins said in the *Rocky Mountain News* on April 19, that Mines is in a unique position to "grow and prosper", and he has a plan on how to achieve this. Taking from his 34 years experience in the oil and gas business, he announced a presidential re-organization committee amongst many other things. This is just the tip of the iceberg; Dr. Scoggins has big plans.

The Oredigger sat down with Dr. Scoggins to talk about this, and the many other issues facing the Mines community.

Who is your favorite author?

I enjoy David McCullough, in particular his books on John Adams, Truman and his latest 1776. I also enjoy reading Steven Ambrose, especially *Undaunted Courage*.

What was your favorite course

as an undergrad?

Production engineering
Why?

The professor was a role model; he was also advisor to the Society of Petroleum engineers and just always encouraged us to be involved.

How does campus culture between the University of Tulsa and the Mines differ in your opinion?

Tulsa is a much broader institution with six different colleges, but the campus culture is pretty much the same as Mines.

When and where did you first hear about the job opening at Mines?

A retired executive friend of mine called and told me he put my name in the running.

From your experience as an undergrad, what is the most important thing you learned your first year?

I learned how to organize and get my course work done.

What advice would you give a first year student who is feeling overwhelmed by his or her workload?

Seek some help; there are many opportunities for academic assistance from faculty, but also your peers. Just don't go it alone.

What is your favorite research project going on at Mines right now?

I am still learning about the many research projects at Mines, so I can't name a favorite. But one emerging opportunity I am excited about is The Colorado Collaboratory which is between Mines, the U.S. Department of Energy's National Renewable Energy Laboratory (NREL), Colorado State University and the University of Colorado.

What is your opinion on collective bargaining rights as it applies to graduate students?

It has not come up; it is something I've got to look into.

What surprises you the most about Mines?

The depth of the potholes on Illinois street.

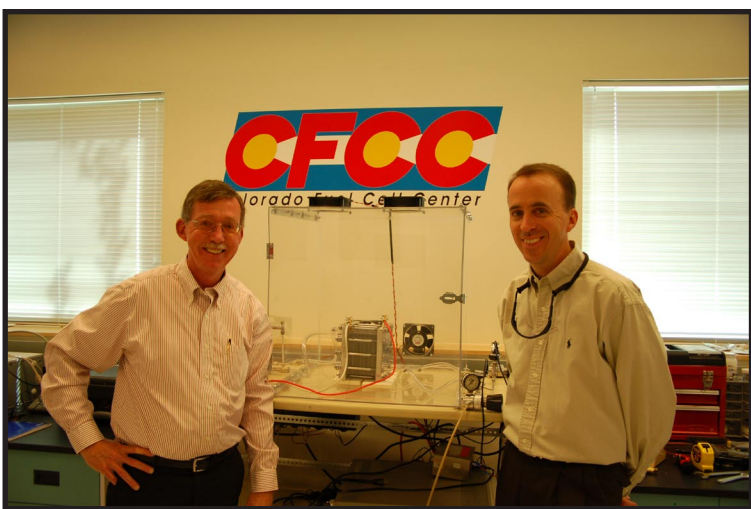
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Courtesy of Marsha Williams

Dr. Scoggins brings 34 years of industry experience to CSM. After contentious selection, he has ambitious plans with his new role.

New Fuel-Cell Center Turning Out Green



Chase Hoffman/Oredigger

Dr. Tony Dean (left) and Neal Sullivan are two principal research scientists in the new Colorado Fuel Cell Center on campus. A fuel cell from the National Renewable Energy Lab sits between them.

By Jason Fish
News Editor

Three months ago, as CSM students were taking finals and heading off for the summer, a new group of scientists and engineers moved in on campus.

Jointly funded by several industry partners, CSM, the National Renewable Energy Lab (NREL), and a grant from the State of Colorado's Governor's Office of Energy Management and Conservation, The Colorado Fuel Cell Center (CFCC) set up in a

wing of the Geology Museum. The new lab focuses on creating better fuel cell technology.

An assortment of CSM faculty and grad students from various departments are collaborating on fuel-cell research and development, addressing problems such as low-cost manufacturing, fuel processing, and optimization of fuel cells. "It's a multidisciplinary field. It needs a few perspectives," said Neal Sullivan, assistant professor in the Engineering Division.

Currently the staff includes two

professors from Chemical Engineering, two from Metallurgical and Materials Engineering, two from the Engineering Division, and about 10 graduate students covering all three fields plus Physics and Chemistry. "So far fuel cell R&D has been dominated by materials scientists, but as products move closer to the commercial market, other engineering issues are coming to light," said Sullivan.

A mechanical engineer from Boston's UMass, Sullivan has a background in combustion, and is now directing his talents to fuel-cell fabrication methods. "A lot of existing skills here on the Mines campus are being brought to bear on this issue."

Fuel cells have been around for decades. They are a form of battery that takes fuel and oxygen and converts them into electricity through an electrochemical process, producing emissions of carbon dioxide and water.

Dr. Tony Dean (ChemE), a head researcher in the lab commented on the recent activity in the fuel-cell field. "In the last decade, the improvements in computers and quantum mechanics have allowed a greater chemical accuracy."

Fuel cells have electrical efficiencies nearly twice that of conventional power sources, and are seeing renewed interest for alternative power generation. While advocated as a replacement for standard combustion engines, fuel cells are not a perfected science. "They cost a lot to make," said Sullivan.

"A lot of existing skills here on the Mines campus are being brought to bear on this issue."

Neal Sullivan

While there are many fuel cell types, two are emerging as the most likely candidates for commercialization: Proton Exchange Membrane (PEMs) and Solid Oxide Fuel Cells (SOFCs). "You can see PEMs today as demos in buses or cars," said Sullivan.

As PEMs operate on hydrogen fuel streams, they only produce water as a chemical by-product, and no greenhouse gases. Unfortunately, PEMs are sensitive to contamination by carbon monoxide. "They require a nearly pure hydrogen fuel stream, and their widespread use may hinge on the progress of the Hydrogen Economy," said Sullivan. Another professor in the CFCC, Andrew Herring (ChemE), is working with NREL on ways to make PEMs more durable and independent of fuel source.

In contrast to PEMs, SOFCs are ceramic fuel cells that can take almost any input fuel, from biomass to gasoline, and are much more resilient than PEMs both in terms of fuel flexibility and structure. However, they require a more complicated fabrication process, being baked in ovens at thousands of degrees Fahrenheit. "These can take days to make while you wait for the ovens to warm up or cool down," said Sullivan.

Recently, such ovens were added into the lab and some of these fuel cells are already being produced. "We can build both PEM and solid-oxide fuel cells here at the CFCC now," said Sullivan. "We're working on

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Energizing Industry

New Lab Bringing Insight To Booming Field

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coming up with better manufacturing techniques to decrease costs.”

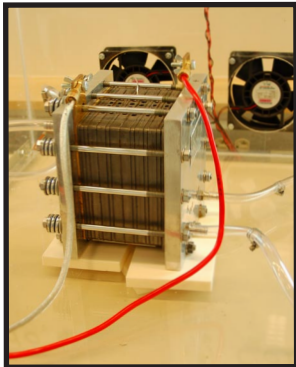
Led by Profs. Dean and Bob Kee (Engin), the CFCC is also researching better methods of fuel reforming. “Our focus is to try to use our understanding of the different phases in fuel-cells to optimize them,” said Dean.

According to Dean, the fuel process is critical to fuel-cell development. “We need to clearly understand all the stages to make these fuel cells most efficient.”

Fuel-reforming studies at the CFCC concentrate on reducing waste build-up from the reactions in the cells. “There’s a lot of Materials Science involved, and we study the

chemical interactions between gaseous fuels and reforming materials” said Sullivan. “Materials optimization is key.”

While graduate students are still being hired, undergraduates are getting involved through Senior Design projects. Currently, there is a Senior Design project going on in the lab, involving a fuel-cell on loan from NREL. “It’s a pretty focused course of study,” said Sullivan. “Senior Design is about as product-focused as you get as an undergraduate. But to really sink your teeth into the fuel cell field, you need to seriously consider



graduate work.”

Likewise, the industry partners of the CFCC recruit new researchers from the graduate student pool. “These companies want people with training and experience,” said Sullivan. “It’s much more real-world at the grad level.”

CoorsTek (Golden), ITN Energy Systems (Littleton), Versa Power Systems (Golden / Calgary), Mesoscopic Devices (Broomfield), Xcel Energy (Denver), and TDA Research (Wheat

Ridge) are all closely involved with the new lab.

CFCC research is working together with these private companies to output a marketable product. “At a university, you deal more with the fundamentals of fuel-cell operation as opposed to industry where you have to come up with something to sell,” said Sullivan. “We want to assist in fuel cell development, not compete in the market.”

The CFCC is further expanding its capabilities with more personnel. “We’re looking for more grad students to participate in the lab,” said Sullivan. “If you are a student looking to work in the field of fuel cells, the Colorado Fuel Cell Center at CSM is the place to be.”



Courtesy of Wikipedia.com
Steve Irwin hosting his show.

Loveable Legacy

in memoriam

By Katie Kocman
Staff Reporter

On September 4th, the world lost one of the best wildlife icons, a profound conservationist, and one of the proudest dads on the face of the earth.

Steve Irwin, 44, was killed by a stingray while shooting footage for a new television program that he was doing with his daughter, Bindi. He is survived by his wife, Terri, their daughter, Bindi Sue, and their son, Robert Clarence.

Steve’s death shocked the entire world. It’s strange how a man with that much love for life has to die when we have criminals roaming the streets with guns and bombs.

It just doesn’t add up. However, this man will go down in history. He taught the world through his love of life and his love for animals.

Steve was once quoted as saying, “I haven’t seen an animal I haven’t wanted to kiss!” His life impacted millions.

Steve died doing what he loved. He knew the dangers of the animals he came into contact with.

In fact, he once said, “I’ve spent my whole life with wildlife, and I’m still learning.

If I ever get bitten, stomped, chewed, lacerated, trampled, kicked, gouged, stung, or peed on, it’s my fault, never the animal’s.” Unfortunately, this is how his life was ended.

Steve’s greatest successes were not his popular television show, nor the millions of dollars he generated to contribute to animal conservation throughout the world.

Steve was dedicated to his family. His love for his wife, Terri, and his children was far greater than his love for any animal.

Steve Irwin knew what he believed in, and he was not afraid to let his passion shine through.

He was one of the most enthusiastic men of our time. His go-getter attitude attracted viewers from all over the world.

Many people viewed him as invincible. Irwin always placed himself in dangerous situations, which reflected a real sense of self-worth and confidence. Steve had an uncompromising stand for what he believed in, and he was never afraid to be criticized.

If you are truly passionate about something, no one can steal that away from you. That passion will never be exhausted as long as you keep it alive, and that’s exactly what he did.

Steve Irwin knew exactly what he believed in, and he spread his thoughts and ideas worldwide. His life was full of laughter, love and integrity.

He was a difference-maker, and he wasn’t afraid to show his true self. He will be missed, but never forgotten.

Kazemi Named Honored Petroleum Faculty Member

By Marsha Williams
CSM Public Relations

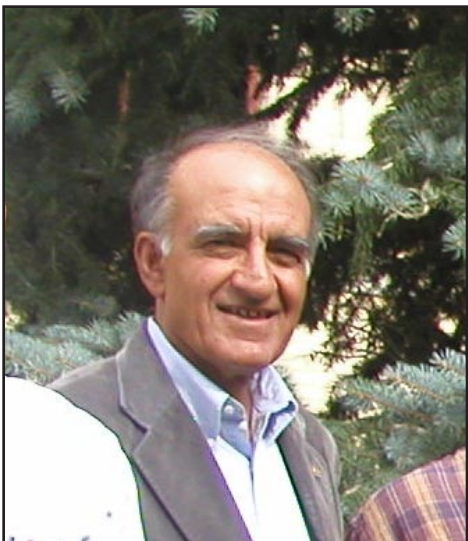
GOLDEN, Colo., Sept. 12, 2006 -Dr. Hossein Kazemi has been named Chesebro’ Distinguished Chair in Petroleum Engineering at Colorado School of Mines. The Chesebro’ Distinguished Chair was established through the generosity of Steve Chesebro’, a 1964 alumnus of the School, and his wife, Dollie, as the first endowed faculty position for Mines’ Department of Petroleum Engineering.

“Through-out his career at Colorado School of Mines, Hossein Kazemi has attracted renown worldwide as a researcher, teacher and mentor,” remarked Dr. Craig Van Kirk, head of Mines’ Petroleum Engineering department. “The Chesebro’ Distinguished Chair acknowledges his significant ongoing advancements in computer based reservoir simulation, well pressure transient analysis, and improved oil recovery, and bestows him with a professional honor that will help further his pioneering work and extend Colorado School of Mines’ global reputation.”

Dr. Kazemi received his B.S. (1961) and Ph.D. (1963) in petroleum engineering from the University of Texas at Austin. He began teaching as an adjunct professor at Colorado School of Mines in 1980, and has served as co-director of the School’s Marathon Center of Excellence in Reservoir Studies since its founding

in 2003. From 1969 to 2000, Dr. Kazemi was employed by Marathon Oil Company where he held positions of increasing responsibility leading to the company’s top technical position of Executive Technical Fellow. He is a member of the National Academy of Engineering and an Honorary Member of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME). He is also a Distinguished Member of the Society of Petroleum Engineers (SPE).

In April, 2006, Dr. Kazemi was awarded the SPE Improved Oil Recovery Award for his advancements in



Curstosy of Petroleum Department
Dr. Hossein Kazemi poses with the senior faculty of the Petroleum Department.

improved recovery technology and processes. His other SPE honors include: the John Franklin Carll Award; the Everette Lee DeGolyer Medal; the 1991 S P E Distinguished Service Award;

and the Denver Section 1980 Henry Mattson Technical Service Award.

Founded in 1874, Colorado School of Mines was established to serve the needs of the local mining industry. Today, the School has an international reputation in both engineering education and the applied sciences with special expertise in the development and stewardship of the Earth’s resources. For more information about Colorado School of Mines, visit www.mines.edu.



Governor Line

↑ (D) Bill Ritter* (3-1)
Biggest risk for Ritter at this point is taking his foot off the pedal and celebrating early
↓ (R) Bob Beauprez* (13-1)
Just when you think things couldn’t get any worse...BB campaign a total trail wreck

(R) Marc Holtzman* (OFF)
Campaign ends on 6/22 when last of legal challenges fails

CD-7 Line

↑ (D) Ed Perlmutter* (2-1)
Internal polls reportedly have Ed with healthy lead on ROD, despite a long & tough primary
↓ (R) Rick O'Donnell* (4-1)
O'Donnell has too many of his own errors to overcome before he can go after Perlmutter big

State Senate Line

↑ Democrats (3-1)
Things looking up for Dems as GOP incumbents flounder and challengers raise more money
↓ Republicans (7-1)
If Knoedler can't knock out Boyd, it could be a bummer of a November evening for GOP

State House Line

↑ Democrats (3-1)
Dems are raising more money than GOPers across board; now they get to run to center
↓ Republicans (7-1)
Conservatives beat moderates in the primary; good news for them, bad for general election

Courtesy of ColoradoPols.com

President Q&A Session

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Having worked in The Hague, Jakarta, Indonesia and London, and seen the effects of globalization first hand, what must we be cognizant of as the global engineers of the future?

It is important to be able to effectively work and communicate with culturally diverse teams and make value-added contributions to the team. Globalization also puts a premium on keeping up your technical skills.

What have you learned since you took over duties as acting president on June 19th?

I have learned a lot about state politics sense June, and I have also learned a lot about the wide diversity of research going on at Mines. But one thing I have really noticed is the amount of school pride, it really keeps me motivated.

Do you think ANWAR should be opened to drilling, and if so WHY?

ANWAR is a political, not environmental, issue. Drilling in ANWAR can occur in a manner not harmful to the environment.

How do you think the environmental science department would feel about that?

I really don’t know how they’d feel, but the Environmental Science and Engineering Division is very technology-driven and solution-oriented.

Do you think that companies like EXXONMOBIL should invest some of their windfall profits into alternative energies research?

I believe in letting markets work, and have seen the oil industry go through a number of up and down cycles. I think it’s best to let companies decide where they should invest to meet their shareholders’ objectives.

For more information about the President, please visit the Mines website at www.mines.edu.

Mines Receives \$1 Million Pledge from ConocoPhillips

By Marsha Williams
CSM Public Relations

GOLDEN, Colo., August 1, 2006- Colorado School of Mines recently announced that it has received a \$1,000,000 pledge from ConocoPhillips to its largest ever capital campaign, Transforming Resources: The Campaign for Mines, which came to a close June 30.

The gift will support several departments and programs on Mines' campus, with the majority of funds dedicated to the ConocoPhillips SPIRIT Scholars Program.

In addition to providing ongoing funding for the SPIRIT Scholars Program, ConocoPhillips' first pledge payment of \$250,000 will help support Mines' departments of Chemical Engineering, Geology and Geological Engineering, Geophysics, and Petroleum Engineering.

Funds will also support graduate fellowships in Geology and Geological Engineering and Geophysics, the Minority Engineering Program, the Society of Petroleum Engineers and the CSM Career Center.

The SPIRIT Scholars Program was initiated in 1998 by Phillips Petroleum

Company, and has provided talented Mines students with invaluable hands-on exposure to the company and to the energy business ever since.

ConocoPhillips partners with Mines through the program to offer students a unique set of enrichment and professional development opportunities that help equip them for careers in the energy industry.

During the 2006-2007 school year, 18 SPIRIT Scholars will participate in the program at Mines in the areas of Chemical Engineering, Petroleum Engineering, Mechanical Engineering and Geophysics.

Student recipients have exemplary academic records, demonstrated leadership abilities and a strong interest in becoming the future leaders of the energy industry.

Founded in 1874, Colorado School of Mines was established to serve the needs of the local mining industry.

Today, the School has an international reputation in both engineering education and the applied sciences with special expertise in the development and stewardship of the Earth's resources.

For more information about Colorado School of Mines, visit

www.mines.edu.

ConocoPhillips is an integrated petroleum company with interests around the world. For more information, go to www.conocophilips.com.

Contact:
Marsha Williams
Office: 303-273-3326
marswill@mines.edu
www.mines.edu

Decline in Winter Arctic Ice Linked to Greenhouse Gases

By Marc Kaufman
Washington Post

The amount of ice being formed in the Arctic winter has declined sharply in the past two years, a finding that NASA climate researchers say significantly increases their confidence that greenhouse gases created by autos and industry are warming the Arctic and the globe.

For years, scientists have reported a steady decrease in summertime Arctic ice, but they had never before found a similar reduction in the amount of ice being created during the frigid and dark Arctic winter. This lack of effect on the Arctic winter was one flaw in the scientific models of global warming, which predicted a steady decrease in ice formation.

But a new paper by Josefino Comiso, a senior research scientist at NASA's Goddard Space Flight Center in Greenbelt, found precisely the reduction in wintertime ice over the past two years that the model had predicted. The past two winters each produced 6 percent less ice than the average amount measured for almost three decades.

"This amount of Arctic sea ice reduction the past two consecutive winters has not taken place before dur-

ing the 27 years satellite data has been available," Comiso said. "In the past, sea ice reduction in winter was significantly lower per decade compared to summer sea ice retreat. What's remarkable is that we've witnessed sea ice reduction at 6 percent per year over just the last two winters, most likely a result of warming due to greenhouse gases."

Comiso yesterday called the new data from satellite imaging of ice formation and temperatures "the strongest evidence of global warming in the Arctic so far."

The drop in wintertime ice tracks a similar drop in sea ice detected in the warmer months. According to Mark Serreze, senior research analyst with the National Snow and Ice Data Center, the amount of ice in the Arctic at the end of the 2005 summer was the smallest seen in 27 years of satellite imaging, and probably the smallest in 100 years. He said this year's summer ice cover started out even smaller but is not another record.

Serreze, in a teleconference with Comiso yesterday, said the new information on wintertime ice increases his confidence that greenhouse gases, and not other variables of weather and climate, are causing the warming.

"There is a growing consistency here, with our observations in line with what our models project," said Serreze, whose group is part of the University of Colorado and does contract work for NASA.

Comiso said that researchers had been puzzled that wintertime ice creation remained robust in the Arctic while summertime melt was increasing, since the greenhouse effect would

have potentially greater impact on wintertime ice.

In a paper that will appear in the journal *Geophysical Research Letters*, Comiso describes a "remarkable turn of events, with the observation of record low ice extent and area during the winters of 2005 and 2006."

He adds: "The abnormally low winter ice maximum extent and area and enhanced surface temperatures in 2005 and 2006 . . . may just be the beginning of these trends which have been more apparent in other seasons."

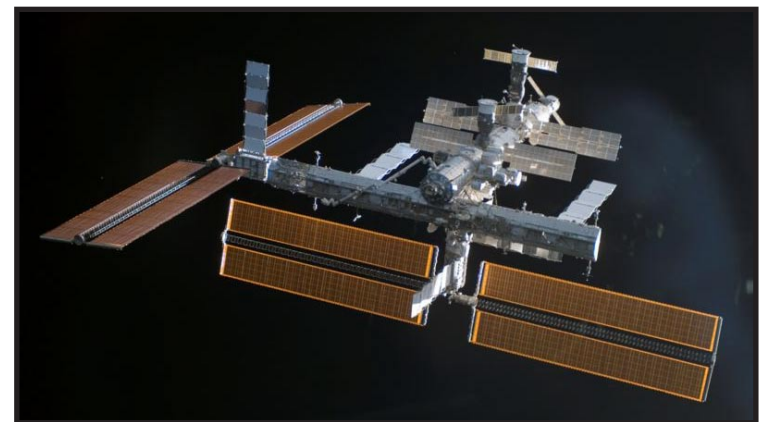
Comiso said the wintertime polar warming may be caused by increases and changes in long-wave radiation from the sun, which is associated with the greenhouse effect. He also said the fact that there is so much less ice visible during the summer suggests that the ice cover is not getting as thick in the winter as it used to.

NASA also announced yesterday a study of the effects of shrinking Arctic ice formation on polar bears. The paper, to be published in the journal *Arctic*, found a marked decrease in the time that polar bears can spend on sea ice, their preferred platform for hunting seals and other sea mammals. As the coastal ice melts, said Claire Parkinson, a senior scientist at the Goddard facility, the animals have been forced to spend more time on land -- resulting in more encounters with people and a decline in the bears' average body weight.

The paper reports that the average weight of adult female polar bears in western Hudson Bay was 650 pounds in 1980. Their average weight in 2004 was 507 pounds -- a 143-pound drop.

"A key result of our research is its strong suggestion that climate warming is having a significant and negative effect on a primary species reliant on the sea ice cover for survival," Parkinson said.

She said that while the Antarctic experienced a sharp decline in ice cover during the 1970s but then recovered, there were no signs that the Arctic will now recover its ice in the same way.



Courtesy of wikipedia.com

An artist's rendering of the International Space Station in its current construction stage. Many challenges have risen over the years.

Leak Causes Brief Scare on Space Station

By Marc Kaufman
Washington Post

NASA briefly declared an emergency yesterday morning aboard the international space station after a chemical leak of potassium hydroxide caused a strong odor and produced what the crew initially thought was smoke.

But NASA officials said the leak of the chemical, used in an oxygen-generating unit, was not considered a serious health threat to the three-man crew.

According to Michael Suffredini, head of the space station program, the crew initially thought there was smoke, and possibly a fire, in the cabin. Crew members put on gloves and surgical masks and were told to place a charcoal filter into the ventilation system to clean the chemical from the station's air. In a short time, however, it was determined that the "smoke" was in fact vapor coming from the leak.

The astronauts "did a great job" of quickly reacting to the problem, Suffredini said.

The defective unit is in the Russian section of the space station and has been a cause of concern for some time, requiring frequent maintenance and troubleshooting. While the Elektron oxygen generator serves an important function on the station, astronauts can also replenish the station's air by burning special oxygen-producing candles or taking oxygen from the large storage tanks on board.

NASA officials said that an overheating in the unit appeared to cause the leak and that it was under control by mid-morning.

Later in the morning, Russian cosmonaut Pavel Vinogradov told mission control in Moscow that he and his crew "were kind of nervous" after seeing the vapors and feeling unusual heat on a line coming from the Elektron.

Mission control in Moscow said it had been "nervous, too."

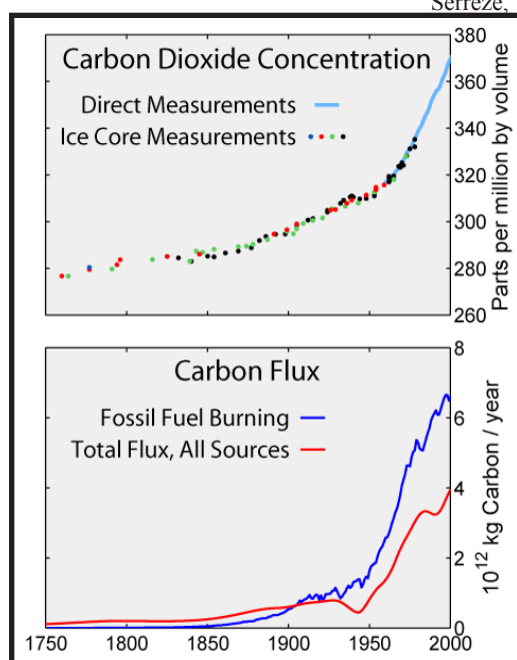
"The Elektron is made of metal, but it's a very fragile thing," Vinogradov could be heard to say.

U.S. astronaut Jeffrey N. Williams first detected the smell and described it as that of burning rubber. Mission Control in Houston said the odor probably came from the overheating of a rubber gasket, and Williams said, "That also jibes with the visible smoke coming from the rubber gasket."

The Elektron unit, the size of a small water heater, was reported to have some very hot connections when the smell was first detected. By mid-morning, astronauts were reporting that it remained warm but was no longer hot. Suffredini said the leak site was cleaned with towels and wrapped in two rubber bags.

Potassium hydroxide is a corrosive that can cause serious burns and can be harmful if inhaled. The chemical, also known as potash lye, can be used to power batteries.

The leak occurred at a unique moment in space history, when three manned craft are in orbit at once: the space station; the shuttle Atlantis, which left the station Sunday and is preparing to return to Earth tomorrow with its six crew members; and a Russian Soyuz spacecraft that blasted off from Kazakhstan yesterday morning carrying two new crew members and a space tourist to the station.



Courtesy of wikipedia.com

Graphs showing the correlation between Carbon Dioxide properties over recent history. This data for how the climate is changing is an essential part of NASA's work.

Legendary Loss Golden citizens mourn the removal of Living Landmark

By Hilary Brown
Features Editor

Just a young ‘un when Golden City became a boom town around 1860, the oldest member of Golden disappeared two weeks ago. Born on the banks of Clear Creek over 150 years ago, he watched Golden develop from a campsite to the brewery town that it is today. He witnessed the birth of Coors Brewery in 1873, followed by the establishment of the Colorado School of Mines in 1874.

He grew up in fortuitous circumstances, with access to lots of water and direct sunlight. Before Clear Creek was developed, the delta was quite close to his birthplace. He grew to be tall and strong, with a chest 8 feet in diameter. “Even a healthy 100-year-old cottonwood tree would probably have a diameter half that big – it was an extraordinary specimen,” said City Forester Dave High.

The cottonwood received his name by legend. Edgar Vanover was hung from a butcher’s gallows near the tree. “The tree was exonerated by historians of the misnomer of ‘The Hanging Tree’ since Edgar Vanover was not hung from the tree (nor was anyone else),” said Jerry Hodgden, a member of the Golden Parks and Recreation Board.

Somehow, the Vanover Tree escaped the axe of development for most of his life. Before the area became Vanover Park in 1987, there was very low-key development – a trailer park and small residences. There are no

other trees in Golden that matched the size of the tree.

“The tree was 65 feet tall, more than 8 feet in diameter, and approximately 25 feet around. It was like a microcosm of the world in that the world is about 8,000 miles in diameter and 25,000 miles in circumference,” Hodgden said.

Members of the community disagree about the tree’s actual age. Sixteen years ago, a group tested the age of the tree using a bore and claimed that it was over 200 years old.

After conducting the removal, High said that “the ring count would show that the tree is actually closer to 150 years old.” Samples of the tree are being analyzed to determine the tree’s age.

In February, the Colorado State Forest Service submitted a report to Golden Parks and Recreation Advisory Board. The report showed that the tree was suffering from extensive decay. Forty percent of the root system on the West side of the tree was deteriorated in addition to a large cavity at the base of the tree.

High speculates that, “because of the development of the park, the roots were impacted by construction equipment. This began flow deterioration and once something like that starts in a tree, you can’t reverse the impact.”

The decay posed a serious hazard to the tree’s stability. “There was a very legitimate hazard of it falling over in the near future...the tree was a liability to people” said High. Re-



Chase Hoffman/Oredigger

The Vanover Tree waits to be completely removed. It was honored by the Golden Landmarks Association with the distinction of the “Oldest Living Landmark.” The wake took place on Aug. 13, 2006.

Picture of the Week

moval was deemed necessary.

“Golden is a town that values its historical landmarks and the environment...we decided to soften the bad news and recognize the place this tree held in our history and our hearts by honoring it with a wake,” said Hodgden.

Hodgden was selected to organize the farewell ceremony. The activities began the week before the actual event. Individuals wrote their sentiments on ribbons and attached them to the tree’s trunk. Children from the Golden area were encouraged to visit the tree and say goodbye to it.

The ceremony took place on Aug. 13. Musicians, poets, artists, and speakers honored the tree’s memory. The last 200 years of Golden were re-

lived through the eyes of the Vanover Tree. Hodgden said “it is older than America and lived under the Spanish and French Flags, but became a naturalized American Citizen with the act of the Louisiana Purchase.”

The Golden Landmarks Association (GLA) bestowed the honor of the Golden’s Oldest Living Landmark upon the tree. Normally, the award of Living Landmark is only granted to living people devoted to the preservation of landmarks. “This departure was merited due to the part it had played in the history of the area as well as its age, 236 years. That made it, without a doubt, the oldest living thing in this area,” said Hodgden.

With more than three hundred people in attendance at the ceremony, the tree will be missed by Golden. “The community was certainly disappointed by the loss of the tree, [but] everyone understood the explanation of the tree’s reaching a natural time to go through age and deterioration,” said Hodgden.

The removal began on Sept. 5. It has taken several weeks for the tree to be completely cleared. Some of the pieces may be used for commemoration, but the memorial hasn’t been finalized. Golden has lost an important piece of living history, but through memory it will live on.

The Ultimate Professor

By Katie Kocman
Staff Reporter

Ever wonder who that guy with the long hair is that is always out in Kafadar Commons playing ultimate frisbee with the students? He is the one and only Chris Kelso! Kelso is a physics professor here at Mines. He is one of those professors who makes learning that much more interesting.

Chris Kelso was born in Rapid City, South Dakota. However, he has lived in Colorado since he was in third grade. Kelso graduated from Mines in 2000 with a major in math and physics. He started his teaching career here at Mines in 2003.

Kelso thinks that the best part about being a professor is when he finds students who are interested in the subject and have the same passion for learning as he does. The hardest part about being a professor is dealing with students who do not take their education seriously and think that being here is a right, not a privilege.

Students beware! One of his biggest pet peeves is when students wait until two weeks before they are going to fail the class to come see him.

Kelso thinks that CSM is so great because “there are so many opportunities here. The education is very good, and you’re set up to be successful as long as you’re willing to take advantage of the opportunities. It’s a lot of work, but you must be willing to do it.”

Mines students, in general, are known to be a bunch of nerds. When asked if he himself was a nerd, Kelso

responded by saying, “Yes, I am definitely a nerd. Maybe I’m not a nerd like students here, but definitely a nerd. When you have conversations with nerdy-type people over dinner about math and physics, that automatically means you’re a nerd.”

So, if you ever hear yourself talking about math or physics anywhere outside of class, then let’s just face it, you’re definitely a nerd. In fact, the nerdiest thing Kelso ever did was write a love letter with Maxwell’s Equations in it to a girl.

But for all you nerds out there who have a collection of Star Trek novels, don’t feel too bad, Kelso has one too. And who doesn’t love Star Trek novels?

Here’s a challenge to all Physics I students: Kelso has agreed that if all the students in the class pass, he will shave his face.

Kelso is a great professor, and he makes learning physics as fun as learning physics can get. In fact, before every lecture, he devotes a few minutes to trivia questions. The person that gets his question right gets candy.

He himself doesn’t like candy and prefers to eat fruit, particularly oranges, but he is always thinking of his students!

Kelso is a one-of-a-kind professor, full of knowledge, and he is always willing to help. To those who are taking physics, Kelso says, “Remember to have fun. Don’t study all the time. It’s important to study a lot, but it’s also important to have fun. So, come play frisbee at noon!”

Climbing Through Mines

An interview with the Geek of the Week

By Chase Hoffman
Asst. Editor in Chief

Name: Kelsey Olson
Major: Civil Engineering
Year: Senior
Hometown: Superior, CO

What is your favorite activity of sport?

Running or climbing.

What’s the geekiest thing you’ve done?

[Laughs] Hmm... I have Lego Bionicles on my bookshelf.

Why do you have Bionicles?

‘Cause I like building them, but they are just on my bookshelf

Have you ever played with them?

[Laughs] Yes! There’s this one that shoots out a flying disc; you’ve got to play with that one, but I’ve only done it once or twice.

What’s the geekiest thing you’ve seen at Mines?

That’s a hard one because there are so many of them. You get these guys offering their calculators instead of opening the doors.

Your thoughts on “the ratio”...

I like it. I don’t have any complaints. It’s a little better being a senior because the guys are in their groove and not as timid. I have plenty to look at.

What are your post-college plans?

A job that pays for grad school and climbing in Canada.

What’s your best geek joke?

There are 10 types of people in this world, those who know binary and those who don’t.



Courtesy Kelsey Olson

Kelsey Olson is on top of the world as Geek of the Week.

What’s your favorite IM acronym?

Probably “rotflmao.” The first time I saw it, it looked like “rot-flame-o.”

Rock On! Essential Climbing Style
Buildering: the art of climbing on buildings. Usually illegal.

Crimp: a small, but positive hold with very little surface area

Gorp: trail mix for energy

Screamer: a very long fall

Traverse: to climb in a horizontal direction

Courtesy of Wikipedia

What is the coolest thing in science? Ever.

I really like genetics. It’s interesting to see the controversy.

What is your most hated math ‘thing’ (i.e. the over use of ‘V’ in physics)?

I don’t like Taylor expansions.

Why do you hate them?

Because we’re doing them in class and we’re using elastic potatoes to explain it. Anyone in my class knows what I mean.

Do you know someone who could be the next Geek of the Week? Let us know at oredig@mines.edu.



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Mines students and staff always get a discount with us!

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Faculty Spotlight with Loring Abeyta

By Zach Aman
Editorials Editor

Dr. Loring Abeyta is a new faculty member to Mines for 2006 as the Interim Principal Tutor of the McBride Honors Program. Dr. Abeyta has been a moderator for McBride for two years now.

"In addition to this job, I work as a research associate for a private sector firm doing work on a global terrorism database. I'm learning things about national security that I normally wouldn't have had any reason to be looking at."

She described her style as very unique. "My approach to national security is from the ground up. I teach a national security class and I teach it from the theoretical perspective that our most critical mistake is developing national security

structures and policies from the 30,000-foot view, where we look at things from 30,000 feet." She remarked that the 30,000-foot label actually came from fellow McBride moderator Dr. Ron Miller. "What we need to do is bring it back down to the trenches."

Dr. Abeyta is also involved with other universities. "I teach at the Iliff School of Theology, a graduate school of theological study associated loosely with the University of Denver. What I teach there is a class called 'Race, Gender, and Class' and I actually co-teach it with my husband, who is a full-time faculty member there."



Dr. Abeyta talks about terrorism, race, books, and engineering.

Zach Aman/Oredigger

to have more literacy in science; you all are sort of ambassadors. McBride engineers and students are going to have to be the ones out there making the bridge, or the interface, between the humanities and sciences and engineering."

I also asked Dr. Abeyta which book, if she were stranded on a desert island without hope of rescue, she

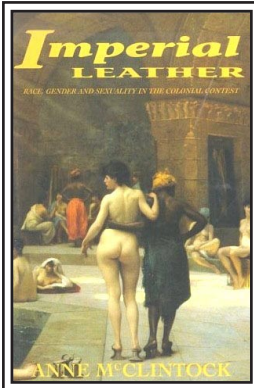
would take with her. She replied, "It's a book by Ann McClintock, it's called Imperial Leather: Race, Gender, and Sexuality in the Colonial Context. It's a terrific book!"

I personally felt that Catcher in the Rye would be more appropriate—something to lighten the insanity of the island.

However, Dr. Abeyta insisted, "This book is insane. [McClintock] is looking at the social

construction of Euro-Western ideas about gender, about sexuality, about race. If you look at the cover of the book, it shows the Turkish baths with these women who are naked—they're wearing these *great* shoes and they have African surfs. The interesting thing about the surfs is that they're androgynous!"

Finally, I asked her whether or not she would watch *Survivor* if, in fact, it broke into racial groups. "I actually think, why not? This is America! If we can't get it out in the open, if we still have issues, the worst thing we can do is hide behind some little screen and say 'oh no!' If it's still there,



“ I just love being here and I love walking down the street and everybody is so freindly. They really are! ”

Get to Know Chris Kelso

By Katie Kocman
Staff Reporter

How long has it been since your last haircut?

Well, it's been about 3 years. But, I think it has reached its max length.

What would you say is your best quality?

Open-mindedness, is that even a word? Well, if it isn't, it is now.

What are a few of your all time favorite movies?

I would have to say Scorpion King, Bad Santa, and Braveheart.

Other than ultimate Frisbee, what do you like to do in your spare time?

Read, listen to music, watch/play basketball, and watch Jeopardy.

What is your favorite food?

Any type of curry.

What is your best past time memory?

Hiking with my family as a little kid.

If you could be a force, which one would you be and why?



C.Hoffman/Oredigger

Kelso playing Ultimate Frisbee

I would be gravity because it is so mysterious.

What are your favorite bands?

Bob Marley, Tupac, and Metallica.

If you were a cartoon, who would you be?

Data from Next Generation

Have you ever played a practical joke on a student?

No, but that's a good idea. I did get suspended from high school once because I threw a bunch of water balloons into a classroom.

Tired of Late Nights?

Caffeine is more dangerous than it appears

By Chase Hoffman
Asst. Editor in Chief

Caffeine is a part of our daily lives, but how much do we really know about it? It is the most common addictive substance, affecting nearly 90% of adults in America.

It is a xantine alkaloid compound that is naturally found in the beans, leaves, and fruit of several plants. As a mechanism for survival, caffeine is a natural pesticide that paralyzes and kills insects feeding on them.

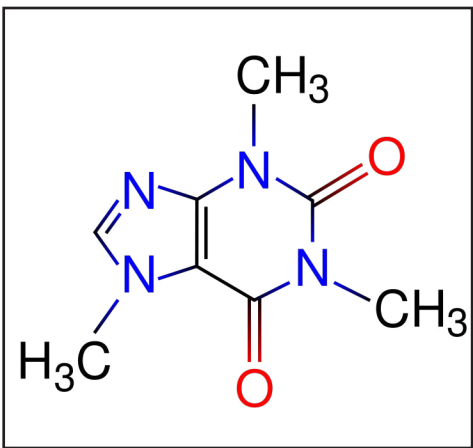
Caffeine is found in our daily lives in a variety of sources. The most obvious of these is coffee. Coffee can vary in concentration from 40 milligrams per shot (30 milliliters) to near 100 milligrams in a single drop

of espresso.

Tea, another common source, contains about half the concentration as coffee depending on the strength of the brew. Chocolate contains caffeine, but a typical milk chocolate bar contains the same amount of caffeine as a cup of decaf coffee.

Soda can contain somewhere between 10-50 milligrams per serving, where Red Bull has about 80 milligrams per serving.

Caffeine works in our body as an antagonist of adenosine receptors in the brain. Since caffeine has a similar shape to adenosine, it can bind to the receptor without setting it off. This causes an increase in neurotransmitter activity, particularly dopamine. Even more caffeine can increase the levels of serotonin causing the euphoric traits of the caffeine "buzz."



Courtesy Wikipedia

The caffeine molecule looks harmless...

Since the caffeine works in the brain, its effects are seen first in the central nervous system and later in the spinal cord with higher doses. The effects are increased alertness, clear thoughts, expanded focus, and overall coordination.

Caffeine also has medical uses. It can increase the effect of pain relievers on the brain by 40% and help the body absorb headache medication faster.

However an overuse can have near opposite effects. A physical addiction to caffeine can cause nervousness, irritability, anxiety, tremulousness, muscle twitching, insomnia and heart palpitations. On top of that, caffeine increases the stomach acid production leading to peptic ulcers, erosive esophagitis and gastroesophageal reflux disease.

Some cases have reported death from an overdose of caffeine. In June 2004, a New Mexico woman was admitted to the hospital after a fight with her son. Her injuries were thought to be the cause of her lapsing into a coma, but the autopsy later showed high amounts of caffeine to be the cause of death.



Courtesy Wikipedia

One cup of coffee contains up to 100mg of caffeine. Are you too perked up? There are many adverse side effects to caffeine abuse. If you think you have a caffeine addiction, contact the Student Development Office for free counseling.

The Pick-up on Caffeine Addiction

A Testimonial

By Konrad Klett
Asst. Sports Editor

How many times a semester do you pull an all-nighter? How often do you drink coffee, tea, or soda to help you stay awake? You may want to consider these and other questions because September is caffeine awareness month. The fact is that caffeine is a serious addiction for many people, especially in college, including myself (I had a red bull, a 20 oz. coffee, and a smoothie with an energy booster in it today and this is a light day).

The main advocacy group for caffeine addiction is the Caffeine Awareness Alliance. I checked out their website and found plenty of information on all manner of caffeinated products. Also, there is a caffeine intake calculator and a quiz to find out if you have an addiction. They also have posted a number of articles and links about the sneaky little drug.

One of the more shocking things I found out about caffeine is that you can actually die from it. On December 3, 2004, a New York woman died from an overdose of caffeine. Now a typical adult needs at least five grams of

caffeine to cause death. To give you an idea of how much that is, there is about 45 *milligrams* in a Coke (12 oz.), 80 mg in a Red Bull (that doesn't count its other stimulating ingredients, however), and 110 in a typical cup of coffee. So yes, you would have to drink nearly fifty cups of coffee in a day to die from it.

College students primarily "do" caffeine to stay awake during lectures and while studying, but caffeine after five can cause serious problems with sleeping. So if you or someone you know has caffeine addiction, calm down and go to caffeineawareness.org.

Arriving Shortly

A preview of the movies you are dying to see.

By Chase Hoffman
Assistant Editor-In-Chief

Fearless
Rogue Pictures
Action/Martial Arts
Rated PG-13

Open Season
Sony Pictures
Children
Rated PG

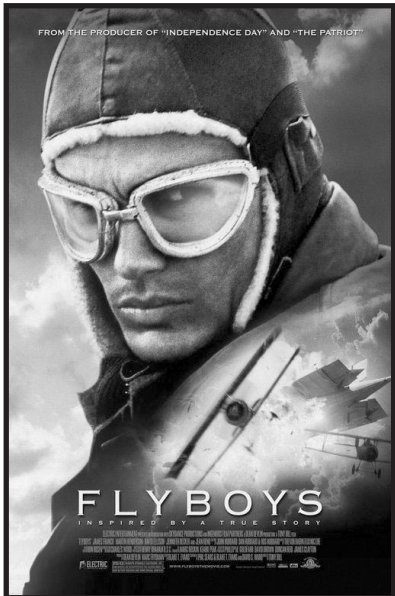
Release Date: September 22nd

All the King's Men
Columbia Pictures
Drama
Rated PG-13

Starring: Jet Li, Michelle Yeoh
Directed by Ronny Yu (also directed *Bride of Chucky*, *Formula 51*, and *Freddy vs. Jason*)

Starring: Martin Lawrence, Ashton Kutcher, Debra Messing
Directed by Rogers Allers (also directed *The Lion King*) and Jill Culton (debut)

Starring: Jude Law, Sean Penn, Kate Winslet, Patricia Clarkson
Directed by Steven Zaillian (also directed *Searching for Bobby Fisher*)



Courtesy www.impawards.com

Summary: About the life of a southern populist politician, Willie Stark (Penn), who is based, although loosely, on Huey Long, the governor of Louisiana. A journalist (Law) becomes captivated by this particular politician.
Impression: Some people don't give a movie with this sort of plot a chance. So what if it's not an action movie. This drama is unique in story and is carried by an excellent cast. I'd recommend this film for anyone.

Flyboys
MGM
Action/Drama
Rated PG-13

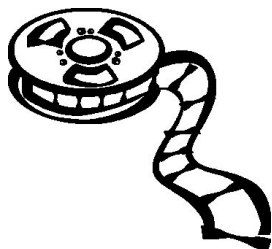
Starring: James Franco, Jean Reno, Jennifer Decker
Directed by Tony Bill

Summary: Set in the first world war, a group of Americans volunteer for the French military to become pilots. Along the way, a love story develops between two pilots (Franco, Decker).
Impression: So if you don't believe me on *All the King's Men*, then you cannot go wrong here. Action, Drama, Love, Loss, French accents, what's not to love?

Jackass: Number Two
Paramount Pictures
Comedy
Rated R

Starring: Johnny Knoxville, Bam Margera, Steve-O
Directed by Jeff Tremaine (also directed *Jackass: The Movie*)

Summary: The Jackass gang is back and letting loose with a variety of pranks, jokes, strange contests and all around self-mutilation and torture.
Impression: You don't need me to tell whether you should see this. You'll laugh, you'll cry, and you'll probably vomit in between.



Summary: Huo Yaunjia (Li) is a fighter at the turn of the 20th century. He becomes one of the most famous fighters beating opponents from around the globe.
Impression: Jet Li is great on-screen. This is supposed to be his last film and this is a good one to go out on. The aspect of fighting from all across the globe should prove to be some of the most unique fighting and very elaborate choreography. A must see for any Jet Li fans.

Release Date: September 29th

The Guardian
Disney Pictures
Action/Drama
Rated PG-13

Starring: Kevin Costner, Ashton Kutcher
Directed by Andrew Davis (also directed *Collateral Damage*)

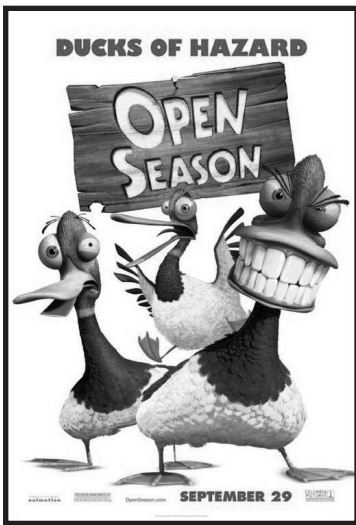
Summary: A new coast guard recruit (Kutcher) aspires to become one of the greatest and learns from the one of the greats (Costner).

Impression: The few, the proud, the Coast Guard...? Well whatever floats your boat. Looks like Top Gun without planes and sexy beach volleyball.



Courtesy www.impawards.com

Summary: Boog (Lawrence) and Eliot (Kutcher) are trying to save the forest from hunters and the rest of the forest joins forces with them.
Impression: Boog... 'nuff said.



Courtesy www.impawards.com

School for Scoundrels
MGM
Comedy
Rated PG-13

Starring: Jon Heder, Billy Bob Thornton, Jacinda Barrett
Directed by Todd Phillips (also directed *Old School*)

Summary: Roger (Heder) is a total loser. To overcome his awesome loser-ness, he finds out about this special 'under-ground' class to help people just like himself. After succeeding in the class, he runs into his old teacher after some time and ironically become rivals for the same woman.

Impression: What I should add the summary is "Hilarity ensues." You can't go wrong here. The director of *Old School*, which is practically spoken about with the angels on high, ensures quality comedy throughout the entire film. Please do yourself the favor and see this before your buddies give away all the lines and plot.

Reel Geek

A film geek writes about geeks on film.

By Jen Schneider
Guest Columnist

Usually in this column I review films that my students recommend, and I recommend a classic or cult film for them to see in return. I'm not teaching my class "The Scientist and Engineer in American Film" this semester, but I know if I was, my students would have insisted I see *Nacho Libre*. Below is a review of this film, followed by a review of a classic. And I'll be teaching "Introduction to Film Studies" in the spring, so make sure to keep an eye out for more "Reel Geeks" then!

My Students' Pick:
Nacho Libre (2006)

My Pick:
A Woman under the Influence (1974)

I haven't seen a ton of movies in the theater lately (having two small children under the age of three makes this tough), so when a friend insisted on treating me to the latest Jack Black vehicle *Nacho Libre*, I went willingly. Jack Black has long been my favorite Hollywood big boy comic, competing easily with others of his ilk—John Candy, Jim Belushi, and John Goodman—as a compelling physical comedian. In particular, I love to watch the man jump; those of you who have seen his brilliant performances in *High Fidelity* (2000) and *Orange County* (2002) know what I mean. Not to mention that Black is one half of the "melt-your-face-off" duo Tenacious D. What's not to love?

So, a movie bringing Black together with Jared Hess, director of the 2004 indie breakout film *Napoleon Dynamite*, held enormous potential, I thought. Like *Napoleon* or hate it, it became a cultural tour de force, and I personally found its understated weird humor compelling. *Nacho Libre* promised to deliver the same strange laughs, the same cult status as Hess's earlier success.

Promised. But, didn't. My friend and I sat in the darkened theater on an early Monday afternoon, laughing. But the laughter was forced. We were laughing because we *wanted* to laugh, *wanted* to like the movie, not because the material really warranted it. Don't get me wrong—Black's performance had moments of beauty (his Mexican wrestler persona was spot-on) and the film had an aesthetic integrity that suggests that Hess is developing a sense of himself as auteur. For example, the sets are lush in their decrepitude, invoking the beauty of the Mexican landscape, both rural and urban.

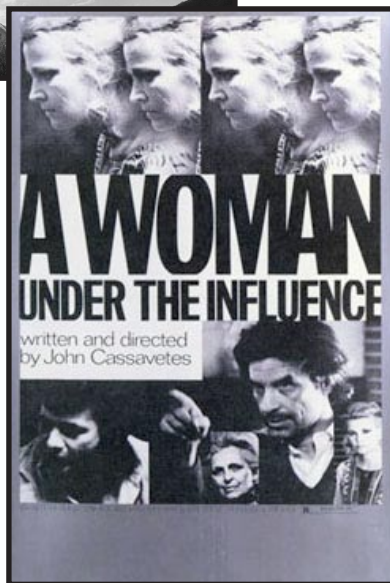
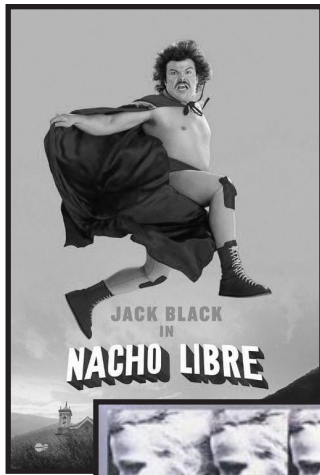
But the film's narrative lacks arc, and the personality of Black's *Nacho*, a Catholic friar who dreams of greatness in the world of Mexican semi-pro performance wrestling, is not quite strong enough to serve solely as a character study, the way *Napoleon* does. It seems that Hess is trying to reproduce the formula begun in *Napoleon*, and he has Black's star power and comedic ability to work with, but the quirky appeal doesn't quite carry the film enough to justify there being no story to speak of. In short, this film joins the ranks of those movies that *should* have been good, but that somehow missed the mark.

Not all movies have to have a typical plot structure, with climax and denouement, to be compelling, of course. Character studies, when done well, can make for amazing film. One such film would be director John Cassavetes's *A Woman under the Influence*.

I may be committing film heresy to say so, but I'm actually not a big fan of most of Cassavetes's films, even though most film scholars consider him an important director. Many of his movies are too slow and experimental to be very enjoyable for me; instead, they remain merely interesting from a film studies perspective—the 1968 film *Faces* is a good example.

But *Woman* is compelling from start to finish, and stars the stunning Gena Rowlands (Cassavetes's real-life wife) and a young Peter Falk, who later became t.v.'s Columbo. There's not really a "plot" to speak of; rather, the film follows the Longhetti family as the dynamic wife and mother Mabel, played by Rowlands, struggles with substance abuse and mental illness, not to mention the violent tirades of her violent yet weirdly sympathetic husband Nick, played by Falk. The performances of both carry the film, are the film.

It's difficult to turn away from this movie, and yet more difficult to watch. It's Cassavetes at his best, the character study at its best. Serious students of film will both appreciate and enjoy it, despite the discomfort the film induces.



It's Alright Ma (I'm Only Number One)

AT 65, BOB DYLAN IS STILL BUSY BEING BORN

By Julianna Sipeki
Business Manager

Bob Dylan has never been part of the mainstream. In fact, he can attribute many of his successes in life to his constant sway from political correctness.

Dylan always has courage to voice the concerns of a generation. Even though he has a perfect grasp on American society and the public adores him, Dylan's albums have not topped the charts for 30 years. This changed when his new album, *Modern Times*, hit number one this past week, proving that Dylan is still an important part of the American culture, and his music is still worth listening to.



Courtesy www.google.com

Bob Dylan has been a folk legend for over forty years, influencing countless artists from The Beatles to Guns 'n' Roses to Jimi Hendrix.

Modern Times was named after a Charlie Chaplin movie about a man trying to survive in a modern industrial society. Dylan has left the era of protest songs and folk music behind, has reinvented himself, and recognized that his voice, personality, and songs are perfectly suited for talking blues. His venture into blues and rock has hit the nail right on the head with *Modern Times*.

Dylan has received great reviews and favorable reception from the public for his new album. His nationwide tour has sold out almost everywhere. For the first time, Dylan has realized that he has absolutely

nothing to prove.

Dylan is already hailed by most of the nation as one of the best song

writers, if not the best. He received the Kennedy Center Honor award, which is the highest award in the country for artistic achievement. He has been inducted into the Rock and Roll Hall of Fame, named as TIME Magazine's 100 most influential people of the 20th century, and received quite a few Grammy's along the way.

Dylan's song writing skills and

incomparable use of symbolism are at their all time best in *Modern Times*. The album is the usual mix between blues, rock, and country. His almost unpleasant nasally deep voice conveys a sense of honesty in the songs, along with adding interest and depth. Aging did him well, in this respect, as his voice now fits the lyrics and the genre. Dylan is a prophet, a preacher, and a general. He sings about sorrow, lust, war, and politics to a generation not his

own. Yet, he still seems to understand them, and brings a voice of clarity to a generation burdened by artists trying to exceed their very limited musical abilities.

This album is a masterpiece, a prophecy, and history. Each song conveys a new idea with its own unique sound and can very well stand by itself, yet when the album is listened to all at once it flows together with ease, like a symphony.

Artistic achievement and musical talent are extremely important in every album and are components of great music that every artist should strive for. This album has both, along with a dose of personality and honesty. I am

willing to declare *Modern Times* as the best album of the year. It has everything a great album needs, and it will be remembered generations from now.



Courtesy www.google.com

Modern Times, above, recently debuted at Number 1, the first time in Dylan's career since his album *Desire* debuted there in 1976.

COMING SOON...

-The Fray come home to a sold out show at Red Rocks on September 30th

-Festival Italiano at Belmar (Alameda and Wadsworth) -Sept. 23-24 -10am - 7pm

-Fall Festival in Boulder presented by 97.3 KBCO

**-Sept. 23-24
-John Lennon Artwork
-Donations Benefit Children's Hospital**

ANONYMOUS RIGHT BRAINS DON'T WORRY, THERE IS NO μ IN MUSIC

By Jason Fish
News Editor

Tuesday nights at Mines do not have to be all homework and no play. Then again, some of us may have already applied that concept to every night. Regardless, mark your Tuesdays for a great bi-weekly event.

Anonymous Right Brains (ARB), a school-sponsored student group, puts on Open Mic Night down at Higher Grounds Coffee Shop on 14th and Washington St.

Open Mic Night is a time when anyone—students, staff, faculty, and even those outside of the Mines community—can come with whatever musical talent, poetic license, or personal speech they have to share and present it to the crowd. "We facilitate it, and it just flows with whoever signs up," said senior Chris Olsen, ARB president.

The event is a very free-format and usually runs for an hour and half to

two hours, depending on how many people sign up. "It's supposed to be spontaneous and loose," said Olsen. The first Open Mic Night happened last Tuesday with a good showing of both performers and listeners. "It's a great time and I look forward to sharing it with as many students as possible," said ARB vice-president and veteran Open Mic Night guitarist Paul Johnson.

ARB originated in 2001 as the idea of current alum Jered Dean, following several tragedies at CSM. "Jered suggested that if there was an outlet for students, artists, poets, and musicians to let their creative voices roar, many people would not feel so isolated in the tough academic environment of this great school," said Toni Lefton, lec-

turer and writing consultant in LAIS and the faculty advisor for ARB.

Scrounging money together for a microphone, Lefton lent an amp and a date was set for an inaugural night in the Student Center. In 2002 it moved to Higher Grounds. "The owners have kindly hosted us ever since," said Lefton.

Olsen—the fourth president—has been interested in Open Mic Night for a while, having seen it first as a freshman just before it moved to the coffee shop. "It was on a stage where the Food Court eating area is now," said Olsen. "It was definitely something to look forward to."

Olsen was vice president last year and stayed on with it this semester. He will be handing over his presidential duties in December when he gradu-

ates. "There are a lot of people at this school with great talent," said Olsen, who is optimistic about the future of Open Mic Night.

Keeping with the low-key environment, there are few rules and, overall an uncritical feeling from whoever walks in to enjoy. "It's not a talent show by any means," said senior Ryan Kulp, avid guitar player, and frequent performer at Open Mic Night.

Kulp has played at the event several times, most recently last Tuesday and he loves it. "I think it's a good place to try out my new stuff. "It's a supportive environment."

ARB will buy a drink of choice from Higher Grounds for anyone who signs up and performs. So if you can sing opera, slam poetry, or rattle on spoons, come out to Open Mic Night and just hang it out.

It's not a talent show by any means. It's a supportive environment.

-Ryan Kulp-

IM LOOKING FOR A GUY WHO IS GOING TO VIEW ME AS A PIECE OF MEAT

XXXCHURCH.COM
#1 CHRISTIAN PORN SITE

PORN MONDAY

BALLROOM C

SEPTEMBER 25th

7:30PM

presented by **CM@CSM**
cmi.csm@gmail.com

Hey there! We're Mike Foster and Craig Gross and we're the Pastors of XXXchurch, a Christian ministry dedicated to helping people. If you're looking to score some points with the ladies, then you better get rid of the porn stash. You know why? Cuz porno jacks with the way you view women. Women are God's beautiful creation, not some piece of meat in a magazine for you to gawk at. So make sure to check out our website at XXXchurch.com for other helpful hints.

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93% log in at least once a month

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25,000+ high schools
1,000+ corporations and non-profit organizations

Articles

Displaying 1 of 1 articles

Dangers and Warnings

Lily Giddings
Reporter

Before you go and post those pictures of that awesome party this weekend, there’s something you should know: it’s going to go a lot further than you think. Sites like Facebook and MySpace are not as private as users would like to think. Not only can all of your “friends” see the pictures you are so quick to post online, campus security, company recruiters, even city police can access your profile when they log on.

At many universities campus police have found a valuable ally in Facebook, the college networking website. Without having to leave the computer, officers have access to all of the information that students publicize on the popular site. They are able to gather information about potential disturbances on campus, or they will hear about past illegal capers that demand disciplinary action. Some would say that this seems like a breach of privacy boundaries, but users willingly submit to this breach when they sign up for a profile.

If the possibility of police action against illicit student activities isn’t enough deterrent to make students reconsider what they are posting, potential employers have also found the sites useful to get a better feel for their employees. Using MySpace and Facebook, recruiters are able to find out the real personalities of their prospective employees. While these sites certainly might project a false image and have nothing to do with the professional behavior of any participant, they make it easier for those hiring to identify possible problems in the company. Furthermore, the applicants might never know why they were never offered an interview or a position.

Facebook

Mines ‘06

Sex: N/A
Interested In: Men
Women
Looking For: Friendship
Whatever I can get
Birthday: February 4, 2004
Hometown: Cambridge, MA
Political Views: Moderate

Mini-Feed

Information

History of Facebook

Hilary Brown
Features Editor

Everyone’s heard of it. Over 9.3 million people are members. And over 4.5 *million* people log in every day. But, do you know how it started? Facebook was founded in early 2004 by Mark Zuckerberg, a student at Harvard University. Zuckerberg hoped to create a networking website where students could meet one another.

By May 2006, university students, high-school students, and corporation employees had accounts. “When I made Facebook two years ago my goal was to help people understand what was going on in their world a little better” said Zuckerberg.

On Sept. 5, Facebook added the controversial News-Feed and Mini-Feed features. The features alert members of their friends’ online activities, such as adding photos or writing on another friend’s wall.

The feeds were the catalyst of a revolt by Facebook users. Global groups protesting the feeds sprang up quickly. The largest, “Students against Facebook News Feed (Official Petition to Facebook)” had over 740,000 members and more than 51,000 wall posts.

Zuckerberg issued an open letter to all Facebook users in response to user concerns about the new features. “This was a big mistake on our part, and I’m sorry for it” he said.

On Sept. 12, Facebook planned to extend membership to any person with a generic email address. However, after the massive response to the feeds, the date has been postponed. “We are going to think through how to better inform users, and we don’t want to risk expanded registration being a big issue on the heels of last week’s changes” said Facebook Spokesperson Melanie Deitch in an interview with Forbes.com. Many users are uniting in global groups opposing an open Facebook.

The Facebook Development Platform (FDP) was added in August. It provides an Application Program Interface so that users can create software based on the Facebook code. Developers can use information from profiles, photos, friends, and events.

In August, Facebook sealed an advertising deal with Microsoft. Facebook has an estimated revenue of \$30 million. The future, however, is far from secure. Time will tell whether loyal users will remain supportive in the face of unwelcome changes.

The Wall

Displaying 4 of 7 wall posts



Robert Blanchard wrote
at 8:11am September 20th, 2006

I think [the News Feed] is great and people need to get over it or get off of it

Wall-to-Wall



Amy Grosholz wrote
at 7:28pm September 16th, 2006

It’s gotten really creepy and stalkerish, but I really like how you have you *friends* contact information.

Wall-to-Wall



Ray To wrote
at 2:30pm September 13th, 2006

Eh...

Wall-to-Wall



Kelsey Olson wrote
at 12:34am September 10th, 2006

I don’t think I’ll be on facebook in a year.

Wall-to-Wall

MySpace



View My: [Pics](#) | [Videos](#)

“A place for everyone”

Website
3 years old
Santa Monica,
California
United States



Last Login:
9/19/2006

MySpace is in your extended network

MySpace’s Latest Blog Entry [[Subscribe to this Blog](#)]

private profiles ([view more](#))

I’m being sued again ([view more](#))

I’m getting sued ([view more](#))

So many people and I still feel lonely ([view more](#))

I was sold for \$580 million ([view more](#))

[[View All Blog Entirees](#)]

Contacting MySpace



MySpace URL:
<http://www.myspace.com/>

Guest Commentary

MySpace vs. Facebook

By Rick Barnes

Guest Commentator

Social networking – also known as God’s greatest gift to the world since the creation of cellular technology – has tampered with the minds of millions since its invention. It has allowed people from all around the world to post pictures of themselves, make new ‘friends’, and connect in a way that is not only mostly inappropriate and obscene, but just shy of creepy.

The recent explosion of social networks such as MySpace and Facebook has created a buzz throughout the youth of the world that has increased percentage wise greater than any other industry in the past two-thousand years. Twelve year old girls can now post a picture of themselves and meet a wide array of older, less sane people all around the world. And, thanks to the lack of monitoring and web-security, they can often gain the opportunity to meet them in real life (although not always by choice).

I cannot slip by without saying that I do not use either of these commodities, as I use these two and quite a few more. My personal preference, not mentioned, does not quite slip to the level of the previous mentioned stalker hide-outs, but I can feel it sinking lower and lower to the dark abyss that is society today. MySpace used to be a place for real friends to share photos and information. Since News-Corp took over, it has turned into a media whore hell-hole that can easily burn the retina with flashing ads, half naked illegal children, and slipping musicians that want to be your friend. The amazingly obvious attempt to rob us of our dignity still thrives however, thanks to boredom and the amazing boost of self-esteem gained when a random stranger named ‘G-thug’ says ‘ur h0tt’.

Facebook, which used to be an amazing way to meet people at your own university, now provides features to completely track the actions of your ‘friends’. I know twelve of the thirty-seven ‘friends’ I have acquired on Facebook, and to be bluntly honest, do not care for the unknowns to know when my next trip the bathroom will be. This ‘News Feed’ not only tracks your own actions, but the actions of your friends and theirs alike. Facebook now allows high schools and companies to network, thus allowing older men and women into the lives of high school freshmen. Network, become their friend, and find out what time they get out for lunch at school; great job Facebook, you are now the sole reason that I will always be weary of telling others my plans.

Many good things have happened since the creation of these two life-controlling systems, and I have no doubt in my mind that the best has yet to come. I personally have met many great people, and, being a male, have been given the opportunity to see many pictures I could never view in person. My hat is off to MySpace and Facebook – as they have opened the door to fantasy and uncovered yet another reason to never leave my room.

MySpace’s Blurbs

About Me

I was created by Tom Anderson and Chris DeWolfe with the help of a few programmers in 2003. I took off initially and Rupert Murdoch’s News Corporation eventually purchased me in July 2005 for \$580 million. My headquarters are located in Santa Monica, California. On average, I bring in 230,000 new accounts daily. Today, I house roughly 111 million accounts for anybody. Not only do individuals enjoy looking up their friends, but musicians, filmmakers and comedians have make use of my pages to promote their own venues.

I have become so popular that I have become a mainstream part of most youngster’s daily habits. My growth has even competed with other sites like Yahoo! and AOL and even the most visited place on the internet for certain days.

Who has met because of me

Everything hasn’t always been great. Last June, a 14 year old girl, dubbed “Julie Doe,” and her mother filed a \$30 million suit against me for damages. This girl says she was sexually assaulted by a 19 year old boy, Pete Solis, that she had met through me. They both exchanged messages and phone numbers and eventually they met and grabbed a hamburger, went to a movie and then the sexual assault occurred in his car. Pete Solis’ Lawyer said, “MySpace wasn’t there when they went to Whataburger. MySpace wasn’t there when they went to the movie and MySpace wasn’t there when they climbed in the backseat.” Pete Solis will also sue me if Julie Doe has a case since she lied about her age. She claimed to be 15 years old when she was in fact 13, forbidden to MySpace policies. Solis did admit to the authorities to having sex with the girl, but he was under the assumption she was older.

Comments about MySpace

Displaying 3 of 4 comments

Morgan Brown



9/19/2006 6:16 AM

It’s cool, I guess, if you’re into molesting girls.

Alex Hughson



9/18/2006 6:15 PM

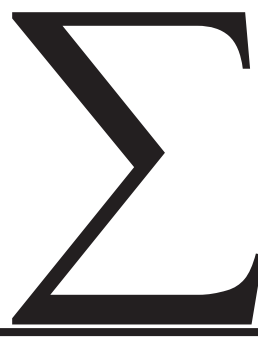
MySpace? What the hell is MySpace? Does it have a facebook profile?

Chris Light



9/14/2006 2:51 PM

MySpace is lame, I’m a facebook guy.



THE



OREDIGGER

ditorials

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oredig@mines.edu

Spotlight: Colorado Marriage Amendment

Pro: Democracy in Action

Chris Phillips, Assistant Business Manager



Marriage is one of the oldest and most well-known institutions of human civilization. The idea of man and woman being brought together (ideally) for the rest of their lives is known across the often unfathomable boundaries of national and religious differences. Marriage ceremonies are performed in many different locations and styles around the world.

Amendment 43, also known as the Colorado Marriage Amendment, would define marriage as being between a man and a woman within the state constitution. In order to support this, one would need to be able to answer two questions. The first is, "Why does it need to be one man and one woman?" The second is, "Why does this need to be added to the state constitution?"

The first question is for many people the more controversial of the questions. The word "marriage" carries with it many religious connotations and also many ideas that are reflective of the societal norms. Many of these ideas reflect the idea that marriage is between a man and a woman. Why? One of the major reasons for marriage is to give one man and one woman the "thumbs-up" from a community to go and start procreating and to live together in a relationship that is otherwise considered taboo by many. Another reason is to provide the couple a tangible reminder of the commitment that this couple made to each other when they are going through the hard times of raising a family. Simply put, marriage is

something that helps society to thrive because it provides backing for couples who are raising families.

Another aspect to this question is the wording of the amendment itself. The amendment consists of only two parts. The first part of the amendment states the definition of marriage:

"Only a union of one man and one woman shall be valid or recognized as a marriage in this state." The second part merely states that the amendment would go into effect immediately upon the official proclamation of the results of the vote. It does not limit the legal protections / rights that can be later provided to homosexual couples.

The second question that has to be asked is, "Why does this need to be added to the state constitution?" The Colorado Revised Statutes already has this definition in it. These statutes, though, can be challenged by individuals in a court of law. These challenges take the norms of society and allow one person (or a small group of people) who were appointed (not elected) to make the call on something that has been in the law and has not been changed by a vote of the majority of people. A prime example of these challenges going against the will of public is in Massachusetts where gay marriage was allowed by the Massachusetts Supreme Court from such a challenge in the case of *Goodridge v. Department of Public Health*. According to the Pew Research Center, the public opposition to gay marriage has always been above 50% since it started collecting data in 1996

and the percent of people supporting it has always been below 40%. This stark difference shows that the *Goodridge* decision was indeed an idea that went against the ideas of public opinion.

In conclusion, the Colorado Marriage Amendment will ensure that "marriage" is protected under the norms of society without eliminating the possibility of same-sex unions. It ensures that the opinion of a small minority does not overpower the opinion of the majority for the sake of a symbolic victory based upon wording. This amendment isn't prejudice or discrimination. It is democracy in action.

Con: Nosey Bastards

Zach Aman, Editorials Editor



It should go without saying that religion, as with all its affiliations and doctrines, should remain separate from government. The Bible states, "Render unto Caesar that which is Caesar's; and unto God that which is God's." In a letter to the Danbury Baptists, Thomas Jefferson described a metaphorical wall that should separate the two. When we reflect that *not one single* government has *ever* been able to survive with both theocracy and democracy, we

should quite clearly understand that America will survive as either one, but *not both*.

The current debate poses a serious threat to our survival as a nation. It is often recited that America is based on Judeo-Christian values. However, only two of the Ten Commandments (those pertaining to murder and theft) actually found their way into the Constitution. It is, therefore, a complete falsehood to assume that our values as a nation are based on a particular religion. The aforementioned commonalities are expressed not only in Judeo-Christian values, but in those of virtually every major religion.

Why are some Americans so impassioned about the marriage debate? Ironical that the best counter-argument comes from a bumper sticker, but if you don't like gay marriage then *don't have one*. If you, dear reader, are heterosexual, then how does gay marriage affect you? It doesn't – plain and simple. I understand that some Americans feel that gay marriage "distresses their religious morality." Fortunately for them, America isn't about *one* religion or *one* religious perspective.

At the end of the day, what makes some religious zealot feel that his or her "moral values" should dictate those of society? If you think that you're wise enough, or knowledgeable enough, or informed enough to decide exactly what should or shouldn't go on in everybody's bedroom, do me a favor and get the hell out. Go to Germany – they love people like you.

AMENDMENT 43

Be it Enacted by the People of the State of Colorado:

SECTION 1. Article II of the Colorado constitution is amended BY THE ADDITION OF A NEW SECTION to read:

Section 31. Marriages - valid or recognized.

ONLY A UNION OF ONE MAN AND ONE WOMAN SHALL BE VALID OR RECOGNIZED AS A MARRIAGE IN THIS STATE.

SECTION 2. Effective date.

This section shall take effect upon proclamation of the vote by the governor.

Do you support the Colorado Marriage Amendment?



Sara Post

"No, I don't support it. Everything is just too cut and dry in politics."



Ken Anderson

"No, it's a complete invasion of privacy."



Stephanie Titus

"I think it's ridiculous. I don't see how it affects other people if two men or two women get married."



Michael Lantz

"I believe that homosexual people have their rights in America. They should be allowed to enter into marriage."



Noor Ngaridi

"I support it because, in my religion, same sex marriage is prohibited."

American Freeoms

Andrew Aschenbrenner

This issue is plain and simple. The Colorado Marriage Amendment is irrelevant, discriminatory, and un-American. It exists purely to satisfy the irrational concerns of a few individuals while endorsing blatant discrimination. Colorado law already recognizes only marriage between a man and a woman, making an amendment completely unnecessary. Furthermore, the amendment, known as Amendment 43 on the ballot this November, is discriminatory because it attempts to validate the fear of few against the rights of many.

The function of a constitution is to establish, protect, and to preserve freedoms, NOT to take them away. It is irresponsible and wrong to write discrimination into our constitution. When the US Constitution was amended to prohibit the manufacture, sale, and transportation of alcohol, it was viewed as the right thing to do. Like the current amendment up for voting for our state constitution, it was merely a ploy, then for the temperance movement, now for the Christian right and the GOP, to satisfy selfish motives. Prohibition was repealed 13 years after it went into effect. It never prohibited the consumption of alcohol, just as the Colorado Marriage Amendment won't prohibit same-sex marriage, and someday, the Marriage Amendment will also exist only as an embarrassment to those of us who consider this country free. Amendments like these make many comfortable that they are serving morality, but this is America, and one group is not permitted to force its beliefs on another.

Supporters of anti-gay legislation will tell you that this is a fight for "traditional" marriage, or even morality. They will list reasons in opposition, most of them aimed to incite fear and promote false stereotypes. However, there is a failure to point out that we are not voting for or against same-sex marriage. This battle is about whether or not we are to vote as Coloradans and Americans to discriminate against an entire group of society, all because some among us are irrationally uncomfortable. If those against same-

sex marriage were really moral, they might have some more respect for their fellow man.

"If those against same-sex marriage were really moral, they might have some more respect for their fellow man."

The United States of America values the rights of individuals over group agendas. As one of those states, Colorado has an obligation to recognize those rights. When the Founding Fathers created our Constitution, their goal was to establish freedom and protect the United States by laying a foundation of rights. There have always been those who decide that their insecurity is more important than holding that foundation, but to this nation's credit up until now we have seen the light, and not gone along with political and religious terrorism. When the United States split from England with the Declaration of Independence, grievances were laid out, but also what was desired for a new nation: a recognition that all men are created equal, and the establishment of life, liberty, and the pursuit of happiness for all. If you would prefer to change this, get your own nation. Mine is the USA, and it is free.



Bruce Bugbee
Sports Editor

Courtesy of Wikipedia

So a black guy, an Asian guy, a Latino guy, and a white guy all walk into a bar...

Do I have your attention? I bet I do. Whether you like to admit it or not, our society is obsessed with race. That's why this past Thursday millions of viewers tuned into the 13th installment of *Survivor*. Set in the Cook Islands, this version of *Survivor* kicks the shock value up a notch. Instead of being separated by age or gender, these contestants are separated into four tribes based on race. That's right; there is a Caucasian tribe, an Asian-American tribe, an African-American tribe, and a Latino tribe. Obviously this new setup has provided ample ammunition to political correctness advocates. I've lost count of the number of editorials I've read saying that this is "a new low in the history of television" and how *Survivor* is "capitalizing on the demeaning of entire races." Really though—who cares?

Personally I think that this new format is a great idea. Every show on television today takes race into account. If they didn't there would

be much more controversy over the lack of race in a show rather than the overabundance. Television executives, screenwriters, and actors all view race as a means to gaining viewers. Producers recreate characters all the time so that they are "more black" or "more Asian" or "more Eskimo." They are just trying to gain access to a demographic that their advertisers will pay to access. There is no difference between rewriting a character to be black and rewriting a character to be big-boobed and blonde. Comedians like Chris Rock and Carlos Mencia have made millions playing the race card. Seriously, they aren't even that funny yet because of race they've been able to reach a broader audience. So why is when *Survivor* comes out and blatantly plays the race card they get slammed for it?

The funniest part of this whole uproar that *Survivor* has caused is the fact that as a show, *Survivor* sucks. I'll admit that I watch the first couple seasons when the show was fresh and paving the way for the wave of crap known as reality television (shows like *Flavor of Love* and *Making the Band* hon-

estly make me want to kill myself). Then over the next couple of years each season essentially became a televised orgy with potential malaria. Now we are at the current incarnation of *Survivor*, which still sucks but at least has an edgy and interesting plot device behind it. By actually having the balls to come out and say what they are doing, *Survivor* gained what other shows pay millions of dollars for—publicity. There is no such thing as bad publicity. All the whimpers and moans from the political correct police have done nothing but made more people tune in and see what the big fuss was all about.

Like I said earlier, a white guy, a black guy, an Asian guy, and a Latino guy all walk into a bar...the white guy tried to dance but failed, the black guy began eating nothing but fried chicken and watermelon, the Asian wasn't even at the bar since he is a horrible driver, and the Latino guy just sat there and took a nap. No matter what someone says, they laugh at racial jokes and race is a big issue with them. This is never more true than when it comes to what they watch on T.V.

LETTERS TO THE EDITOR

Adoption Debate

Dear Editor,

Across Colorado, thousands of loving couples are being denied their right to the hundreds of legal benefits of marriage. One simple reason: they're gay. It seems that granting people basic fairness is a controversial issue for some who can't accept that all people should stand on equal ground per the 14th amendment to the United States Constitution. But for some, a law denying gay marriage isn't enough; they feel the need to reserve these rights for themselves through an amendment to the Colorado Constitution.

This debate isn't about the sanctity of marriage; it's a hateful attack on the gay community. If it were about the sanctity of marriage, the amendment supporters would also put forth measures addressing our morally outrageous rate of divorce, an unfortunate lack of commitment that is known to devastate the lives of thousands of children. Divorce has hardly been brought to dinner-time conversations, much less acted upon.

Think of Colorado's children! Orphans deserve nothing less than to be adopted by loving families, gay or straight. Gay and straight households have been researched

exhaustively by highly credible, scientific, unbiased organizations like the American Medical Association (AMA), the American Academy of Pediatrics (AAP), the American Psychological Association, the American Psychiatric Association and the North American Council on Adoptable Children, all of which independently conclude that there is no significant difference between children raised by gay or straight couples. Even more, in 2005 the AMA and the AAP endorsed gay marriage, stating that all stable families deserve the legal protections of marriage. (Don't take my word for it; research it yourself.) Gay marriage doesn't hurt children; divorce does. I find it disgusting that some people, who call themselves "good Christians", have the nerve to deny a child a caring family, a luxury they take for granted.

This hateful amendment is an attack on my livelihood. I support a church's right to decide what marriages (and divorces/annulments) it will recognize, but no church has the right to deny 11% of Coloradans over 1000 legal benefits and liabilities of marriage, which its members usually take for granted.

Chris Scherf



Courtesy of Wikipedia

VS.



Courtesy of Wikipedia

Protect Marriage

Dear Editor,

"Section 29 of the Colorado Constitution states that "Equality of rights under the law shall not be denied or abridged by the state of Colorado or any of its political subdivisions on account of sex." Adopted November 7, 1972 Effective upon proclamation by the Governor, January 11, 1973.

There is a certain logic that says that if a man may marry a woman, then a woman may also marry a woman. This logic goes against the fundamental tenants of society. This loop-hole in the Colorado Constitution can only be remedied with another amendment to our constitution.

For thousands of years, the institution of marriage between a man and a woman has been a keystone of healthy, thriving societies. The basic family unit promotes stability, economic well-being, and creates a favorable environment for childrearing. Because of a loophole in our constitution, activist judges in our state may decide to attack this institution. Marriage, as it is, has cultural, religious, and natural roots so deep, that to rip them out would start our society on a treacherous and dangerous path.

Time has shown over and over again that changes to a society must come from the bottom up rather than the top down. More than two thirds of the states in the union have passed defense of marriage statutes. Clearly, most people in the United States view marriage as a union between a man and a woman. No matter where you stand on the issue, you must realize that the consequences of altering marriage could be disastrous.

"No matter where you stand on the issue, you must realize that the consequences of altering marriage could be disastrous."

When activist judges in the 1960's ruled on *Brown vs. The Board of Education*, they had no idea of what the result would be. The direct consequences included riots and protests. Today, many of the problems that existed before their decision are worse.

This amendment would not forbid the creation of civil unions at a later date, should the effects of same sex unions prove to not be deleterious. By passing this amendment the state can at one time protect marriage and still show respect to all of the citizens of Colorado."

Anonymous

ORC Provides Cheap and Healthy Thrills

ORC has Inexpensive, High Quality Shopwork for Bikes

By Konrad Klett
Assistant Sports Editor

The Mines Outdoor Recreation Center has a lot to offer when it comes to mountain biking. In addition to their nearly weekly biking trips, the ORC has an excellent bike shop.

Their usual tune up cost of only \$25 (as opposed to \$50 or \$60 at any other good shop in town) is even less at \$15 for one week per semester. The fall one has already passed and the spring special is TBA. Unfortunately, for the time being they only accept cash or check. Their quality, however, is not compromised by their low costs. They only hire professionals who have worked at other shops or have had some sort of racing experience. The president of the Mountain Biking Club here at Mines is one of the mechanics and a good one at that.

While they do not have an extensive stock of parts (other than tires, chains, and the like) the ORC can

order parts at wholesale and sell them to students at a very competitive rate. The catalogue also has an excellent selection of safety equipment such as helmets. If you like to do your own work, the ORC rents out its work bench and tools for five dollars an hour.

In addition to repairs, the ORC also rents bikes. They have 35 mountain bikes (all front suspension) with frame sizes ranging from 14.5 to 19.5 inches.

The next tuning clinic will be held Monday September 25 at 7 PM at the ORC and the next trip is scheduled for September 30. For more information on the bike shop, visit: http://www.mines.edu/stu_life/recsports/morc/workbench.htm



San Rafael Swell Canyoneering and Camping

OCT. 13TH - OCT. 16TH

Come explore one of Utah's greatest geological formations. We will spend the weekend hiking and camping in and around the breath taking San Rafael Swell. We will visit Goblin Valley State Park and play among the ghostly rock formations. We will spend time hiking through narrow slot canyons looking for pictographs. Don't miss this amazing opportunity to spend time in one of Utah's most spectacular playgrounds. Registration deadline: Oct. 11th by noon. There will be a mandatory pre-trip meeting on the 11th at 8 pm. The cost for this trip is \$40 and includes transportation, equipment, camping fees and entrance fees to Goblin Valley State Park.



Only \$40

For more information visit us in the Mines Park Community Center (next to the C Store) or call us at (303) 273-3184 or check us out at www.mines.edu/stu_life/recsports/morc.

GOT MOAB?

October 13th-16th

Don't miss the chance to experience some of the best biking in the country! This trip is designed for beginners and intermediate bikers alike. We will spend most of the weekend biking however we will spend a little time exploring the amazing scenery of Arches National Park. The registration deadline for this trip is Wednesday October 11th at noon. This trip has a mandatory pre-trip meeting on the 11th at 9:00 PM at the ORC. Please bring your bike for a free bike safety check and learn all you need to know to be ready for the trip. This trip will depart from the ORC on Friday the 13th and return Monday evening. Cost is \$40 and includes transportation gear (excluding bike rental) camping fees and entrance to the Arches National Park.



Sweet Deal



For more information visit us in the Mines Park Community Center (next to the C Store) or call us at (303) 273-3184 or check us out at www.mines.edu/stu_life/recsports/morc.

IM Sports Provide a Schedule For Everyone

John Madden '07 (Open) Deadline: 9/21 Tourney: 9/24	3vs3 Basketball (M/W) Deadline: 9/28 Tourney: 10/2	Cross Country (M/W) Deadline: 10/5 Tourney: 10/7	Indoor Soccer (M, W, CR) Deadline: 10/12 Tourney: 10/15	Bowling 4per team(M/W) Deadline: 10/26 Tourney: 11/1
Racquetball – Singles (M/W) Deadline: 9/21 Tourney: 9/25	Disc Golf – Doubles (M/W) Deadline: 9/28 Tourney: 10/1	Free Throw Contest (M/W) Deadline: 10/5 Draft: 10/9	Tiger Woods '06 (Open) Deadline: 10/19 Tourney: 10/22	Kickball (Open) Deadline: 11/2 Tourney: 11/5

Wilderness First Aid Course & Wilderness First Responder Recert.

The ORC is brining the Wilderness Medicine Institution to campus to instruct this essential course. The Wilderness Medicine Institute is a part of NOLS (National Outdoor Leadership School) and is the leader in wilderness medicine. If you spend time in the backcountry it's only a matter of time before you'll need to respond to a medical emergency. Don't be caught unprepared. This hands on training will provide you with the tools and skills to make difficult medical decisions in remote settings. This fast paced intensive 16 hr. course will teach you how to recognize, treat and prevent wilderness emergencies. For more information or to register stop by the ORC or call 303-273-3907. Course Cost: \$165 and worth every cent. Sign up early space is limited.



Oct. 21st & Oct. 22nd

For more information visit us in the Mines Park Community Center (next to the C Store) or call us at (303) 273-3907 or check us out at www.mines.edu/stu_life/recsports/morc.

ORC Events

Women's Rock Climbing Trip: September 23rd Ladies who rock, this trip is for you! Leave the boys at home and come with the ORC for a day of climbing and fun. We can teach you how to belay and women's specific climbing technique, or if you're an experienced climber just come and enjoy some fun in the sun. Transportation, equipment, and instruction will be provided for only \$10. All abilities are welcome. **Registration Deadline:** Wednesday 9/20 by noon. There will be a mandatory pre-trip meeting 9/20 at 9:00 PM at the ORC.

Backpacking Weekend: September 22nd-24th Join us for a weekend of fun in the backcountry. We will spend the weekend enjoying the freedom that comes with knowing that everything you need is on your back. We will spend Fri. and Sat. nights camping and Sat. and Sun. exploring some of the most beautiful wilderness Colorado has to offer. Cost is \$20 and includes transportation, planning and preparation, and equipment. **Registration Deadline:** Friday 9/15 by noon. There will be two mandatory pre-trip meetings at the ORC 9/18 & 9/20 at 9:00 PM.

Wednesday Wall Night: September 27th Only \$10 for transportation, admission to the gym (regular admission is between \$10-\$15), equipment rental, and instruction. Instruction always includes the basics but can also include a climbing technique class and a lead climbing class. Come try something new, or work on your skills and meet fellow climbers. All abilities are welcome. Don't be the last person on campus to go to a wall night! We will depart from the ORC at 6:00 PM and return between 9:30 and 10:00. **Registration Deadline:** Tuesday 9/26 by noon.

FREE Ski Pass Blitz Day: September 29th Back by popular demand for one day only! We will have representatives from Copper, Winter Park, Vail,

Beaver Creek, Keystone, A-Basin, Breckenridge, Steamboat, and Eldora on campus to give you the best deals on season passes. This year the resorts are bringing sweet schwag, so we will be giving away doors prizes including free lift tickets! Doors open from 9:00 AM to 5:00 PM in the Student Center, Ballroom A.

Mountain Biking Trip: September 30th It would be hard not to enjoy biking through mountain meadows while surrounded by the smell of ponderosa pines. This trip is designed for beginner and intermediate riders. The registration deadline for this trip is Wednesday September 27th at noon. This trip has a mandatory pre-trip meeting on the 27th at 9:00 PM at the ORC. Please bring your bike for a free bike safety check and learn all you need to know to be ready for the trip. Cost: \$10.00.

Discount Rental Weekend: Friday, October 6th through Monday, October 9th When you rent gear from Friday to Monday, you'll SAVE A BUNCH OF CASH and get the gear you need! For every \$5 you spend renting gear for the weekend you save a dollar. That's right, spend \$10 bucks but only pay \$8. It's that simple. This special is only good for Friday to Monday rentals. Don't miss out on this sweet deal!

Fall Break Moab Mountain Biking and Hiking: Oct. 13th - 16th Don't miss the chance to experience some of the best biking in the US! This trip is designed for beginners and intermediate bikers alike. We will spend most of the weekend biking however will we spend a little time exploring the amazing scenery of Arches National Park. The registration deadline for this trip is Wednesday October 11th at noon. This trip has a mandatory pre-trip meeting on the 11th at 9:00 PM at the ORC. Please bring your bike for a free bike safety check and learn all you need to know to be ready for the trip. This trip will depart from the ORC on Friday the 13th and return Monday evening. Cost is \$45 and includes transportation gear (excluding bike rental) camping fees and entrance to the Arches National Park

Javier: spain to the game

By Javier Gonisen
Staff Writer

Baseball {beys-bawl}
A game of ball between two nine-player teams played usually for nine innings on a field that has as a focal point a diamond-shaped infield with a home plate and three other bases, 90 ft. (27 m) apart, forming a circuit that must be completed by a base runner in order to score, the central offensive action entailing hitting of a pitched ball with a wooden or metal bat and running of the bases, the winner being the team scoring the most runs. The ball used in this game, being a sphere approximately 3 in. (7 cm) in diameter with a twine-covered center of cork covered by stitched horsehide.

This is the only thing I knew about baseball before going to the Rockies game last Friday September 8. I am an exchange student from Spain and I had never watched a baseball game before, it is much different than fútbol (soccer). It is a very good place to talk to your friends, meet new people and eat huge hot dogs.

Before going to the game I had to get some information about it so I could understand it, I thought the best way to do it was watching the wiffle-ball tournament the intramural sports were having in the school at 4 pm. It was very fun watching those people slipping all around and getting wet because it was raining so much. I suggest you to try it out, I think even I could hit a ball or two.

I caught the bus from Student Activities going to the Rockies game at 6 pm, it was full of students from CSM willing to have some fun. The first person I met over there was

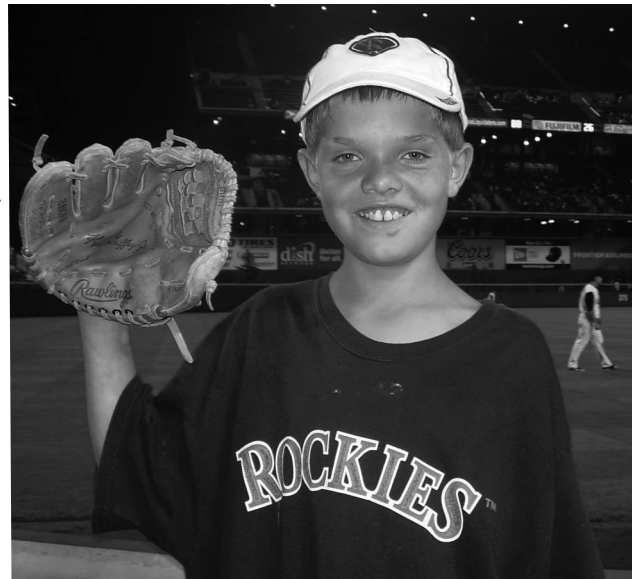
Sonny the bus driver, after that I hang out with several students; I had so much fun with them on my way to downtown Denver. When you are getting to Denver you get overwhelmed with how beautiful it is, but I prefer Golden of course.

On my way in to the stadium we

and the pitcher overthrow to the third base getting two home runs. Salazar got one more home run so the Rockies are wining 7-5.

In the eight innings the Rockies threw in a new pitcher and he did four straight balls so another pitcher called Mesa came up trying to do better. He got the first batter out throwing balls 95 miles per hour. While we were waiving our free t-shirts the game was tie, but at the very end Rockies score a couple more home runs finishing the game Rockies 13, Nationals 9.

I spent three and a half hours sitting there watching baseball and having fun with my friends, it was a little cold but we were lucky with the weather because it did not rain at all like it did in the waffle-ball



This Kid's a somebody

Javier Gonisen/Oredigger

g o t free t-shirts, a good way to remember this day. Before the game got started a whole bunch of kids pledged allegiance to the flag, I remember doing it every morning in high school.

The first home run came in the second inning by Salazar for the Rockies. Nationals did their first home run in the forth inning. After a couple minutes I realized that to be in the first row you need a glove to catch the ball. Without it you are nobody. Also there is a waterfall in the stadium with a garden, I got surprise about it.

At seventh inning stretch the Rockies were down 4-5. Hawpe did a nice hit getting a double, raising our hopes. Iannetta hits a short ball

tournament.

I still have to go to the Broncos and the Nuggets game to see how interesting they are.

I would like to finish saying that there are more things than just studying and relationships. it is very important in our future but anyways, good luck in your coming tests.

Thank you student activities!

Editors Note: Javier is an International student from Spain. He will be doing a series of articles on the juxtaposition of Spanish to American culture. If you would like Javier to attend your event (sporting or not), he can be contacted at oredig@mines.edu

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From now until October 6, 2006, by accessing Online Banking, you'll get one entry per day to win a Honda Metropolitan Scooter.* Make a transfer, pay a bill, or just check your balance.

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Golden: 1800 Jackson Street

303-832-4816 | www.csecu.org



Seventh Inning Stretch

Stabbing at Glory

Bruce Bugbee
Sports Editor

The competitive nature that every athlete has is what makes sports so much fun to watch. This spirit isn't limited to the playing field, however, as the competition between teammates for starting positions can be almost cutthroat at times. Sometimes, though, it goes too far. Such is the recent string of events centered around the University of Northern Colorado football team.

For those of you who don't know, last week a UNC backup player stabbed his starting rival in a parking lot in hopes of gaining an edge. The funny thing in this entire scenario is the position that they were fighting over. These two players weren't fighting for the glory of being starting quarterback, running back, or even defensive end. In this case, it was the backup punter who stabbed the starting punter in the leg. Just take a minute and think that over.

Seriously, a punter? Who ever thought that a backup Division I-AA punter would be the next Tanya Harding? It's not like the guy is even that good at punting. He is the back up on a mediocre team at a position that not many people care about.

I feel sorry for the guy who was stabbed, but I can't help but laugh at the irony of the situation. It's just like if Mike Tyson had shot Evander Holyfield in the hand instead of biting his ear off.

Like I said, competition is what makes sports great. It drives athletes to push beyond their limits and achieve feats while the rest of us watch. But if pushing past your limits includes stabbing someone in the leg, then those limits are probably there for a reason and you should trade in your cleats for some therapy.

Volleyball Loses to Regis

CSM Athletics Department
September. 12, 2006

The Colorado School of Mines volleyball team fell to 6-8 overall and 2-3 in conference play with a 3-1 setback to Regis University in Rocky Mountain Athletic Conference action Saturday night in Volk Gymnasium.

Game scores were 30-25, 30-23, 26-30, 30-28.

CSM was led by junior setter Ashley Pagel who posted 35 assists, 11 digs and eight kills. Junior outside hitter Kristin Evanyo added 13 kills and four digs, while senior middle hitter Amanda Rebol chipped in 10 kills, 11 digs and five blocks.

RU (8-6, 5-0 RMAC) was led by Rachel Ross who produced 26 kills and seven digs. Felicia Ciarellil dished out 65 assists, while Chelsea Pavlik added 19 kills and a match best 28 digs.

CSM is slated to return to action when it travels to Chadron State for a 7:00 pm match on Friday night.

Right: Senior Brian Florendo diving for a score
Bottom: Senior Brent Chacon breaks into a run after a successful reception



Chase Hoffman/Oredigger



Adams State Baffles Orediggers

By Bruce Bugbee
Sports Editor

Colorado School of Mines football fans were heartbroken Saturday as the Orediggers dropped their conference opener to the Adams State Grizzlies 26-7. This was the first time the Orediggers have lost to the Grizzlies since 2000.

Adams State was in control of the game from the beginning, jumping out to a 16-0 lead by the end of the first half. Wide receiver Gene Mejia scored both touchdowns for the Grizzlies, catching passes from two

different quarterbacks. Placekicker Wayne Durham proceeded to add to the effort by nailing a 24-yard field goal just before the half.

The Grizzlies continued to pound the Orediggers by pushing their lead to 26-0 by the middle of the fourth quarter with scores from Durham and running back Tyree Walton who ran for 89 yards on eight carries and a touchdown.

Things were looking bleak for CSM up until the two minute warning when senior running back Bryan Florendo managed to scrape together a 9-yard touchdown off a shovel pass

with little more than a minute to play. This score kept the Orediggers from being shut out for the first time since Oct. 16, 1999.

Adams State head coach Wayne McGinn credits the win to his defense's ability to pressure the Oredigger ball carriers and squashing any big plays. While both teams controlled the ball for almost the same amount of time, McGinn's defense was able to pound Mines into submission with six tackles for losses, two sacks, and a recovered fumble.

Adding to the problem was CSM's inability to contain the Grizzlies

passing game, allowing them 164 yards with two touchdowns. Adams State uses a unique two-quarterback system, which splits the time between Clint Buderus and Billy Lindquist and caused problems for Oredigger defensive coordinator Marty Heaton.

Oredigger sophomore quarterback Rowdy Arciaga displayed great control and went for 34-of-49 for 206 yards with one touchdown.

CSM will return to action next Saturday when it travels to Chadron State for a 12:00 pm kickoff.

Bittersweet Weekend for Soccer

Mines Men Drops to Fort Lewis

CSM Athletics Department
September. 12, 2006

The Colorado School of Mines men's soccer team fell 1-0 Sunday afternoon to arch rival Fort Lewis College.

Ranked #1 in the Nation, the Fort Lewis Skyhawks came away with a victory Sunday afternoon against the Orediggers. The lone goal of the game was scored on a penalty kick just two minutes into the second half. The Skyhawks' John Cunliffe scored the penalty shot for Fort Lewis.

Mines goalkeeper Kevin Gallo-way ended the game with six saves out of the seven shots Fort Lewis had on goal. Mines had six shots on the game while only one was on goal.

Mines returns to action this Friday night with a home game against CSU-Pueblo, game time is at 7:00 pm.



Courtesy CSM Athletics Department

Left: Senior Kevin Gallo-way showcases some fancy footwork



Right: Freshman Kayla Mitchell earned her 2nd straight hat trick Friday

CSM Woman Destroy York

CSM Athletics Department
September. 15, 2006

Colorado School of Mines freshman Kayla Mitchell led her team to a 4-0 win over York College Friday night, after scoring three goals for the second game in a row.

Kayla Mitchell, the freshman from Ontario, Ore., led her team Friday night, ending the night with yet another hat trick. Mitchell also had an assist on the Orediggers first goal of the game, when she connected with Mikayla Buenger. The hat trick is Mitchell's second of the season, the first being yesterday when the Orediggers scored a 5-0 victory over York.

Freshman goalkeeper Jenny Gradishar came away with a shutout on the night with two saves.

The Orediggers will return to action Friday with an away game against New Mexico Highlands.

Fore! CSM Golf Tees Off

CSM Athletics Department
September. 12, 2006

The Colorado School of Mines golf team placed seventh at the CSM Triangular contest Sunday through Tuesday at the par-72 Westwoods Golf Course. The participating teams played 18 holes each day.

Grand Canyon won the event with a three round total of 877, just one stroke ahead of Fort Lewis who finished with an 878. Regis and Colorado State-Pueblo tied for third at 891 and

were followed by Nebraska-Kearney (902), Colorado Christian (938), Colorado School of Mines (941) and Regis "B" (963).

Individually, Fort Lewis' Luke Tanner fired rounds of 69-69-67 (205, -12) to earn medalist honors. CSU-Pueblo's Andrew Hedrick finished second with a three round total of 212 (70-75-67), while Miles Philpy of Regis claimed third at 214 (73-72-69).

CSM junior Zach Swanson was the highest Oredigger finisher as he placed 14th. Swanson fired rounds of 72-80-73 (225). Senior Mark Vallee tied for 21st with rounds of 76-78-79 (233).

CSM is slated to return to action on Monday and Tuesday when it plays in the Fall Regional Head-to-Head in Minnesota.

“Seperation Saturday” Shatters Rankings

College Football’s Elite Square Off

By Bruce Bugbee
Sports Editor

This past Saturday could very well prove to be one of the most important days in this year’s NCAA Division I football season. Affectionately dubbed as “Separation Saturday”, 14 teams ranked in the top 25 squared off with each other in seven spectacular games that provided numerous shocks to the current rankings.

#11 Michigan 47, #2 Notre Dame 21
In what was definitely the most surprising game of the week, the Notre Dame Fighting Irish were utterly destroyed by Michigan at home on Saturday, allowing the most points scored at Notre Dame in 46 years.

The Irish just could not get anything going on either side of the ball, looking more like the team that they were a few years ago rather than a top 25 contender. Michigan quarterback Chad Henne went 13-of-22 for 220 yards with three touchdowns to receiver Mario Manningham. Wolverine running back Mike Hart hosted a spectacular outing with 31 carries for 124 yards and one touchdown.
Michigan’s defense totally shut down the likes of Notre Dame QB Brady Quinn’s offensive crew. Quinn, who many consider to be a favorite for this year’s Heisman Trophy, was intercepted three times while Notre Dame’s rushing attack was held to a measly 21 yards.

#3 Auburn 7, #6 LSU 3
This game was all about the defenses. Both LSU and Auburn showcased the components that have many hailing them as the best defensive teams in all of college football. But when it was all said and done, Auburn was able to squeak by the stingy LSU defense and score the only touchdown of the game, a one yard rush by quarterback Brandon Cox.
Even though LSU continued their streak of holding opponents under 200 yards of total offense and keeping the score in single digits, the Auburn Ti-

gers’ ability to make the big play when it counted is what decided the game. If it wasn’t for Auburn safety Eric Brock’s game-saving tackle on the last play of the game, LSU would have walked away with the touchdown and the game.

#12 Louisville 31, #17 Miami (FL) 7
For the first time ever, the Louisville Cardinals defeated the perennial contender Miami Hurricanes in a 31-7 rout on Saturday. This embarrassing display dropped the Hurricanes out of the Associated Press Top 25 poll for the first time since 1999, ending the longest active streak at 107 weeks in the top 25.
The Cardinals showed the entire country why they are ranked first in total offense (651 yards per game) and scoring offense (60.5 points per game) by soundly whipping the tough Miami defense into submission. Combined with a vicious pass rush that sacked Miami quarterback Kyle Wright four times in the second half, Louisville proved to be too much for Miami to handle on either side of the ball.

Saturday’s win wasn’t without cost for the Cardinals, however. Louisville quarterback Brian Bohm, a Heisman Trophy hopeful, strained ligaments in

Nov. 2 match up against powerhouse West Virginia.

#18 Oregon 34, #15 Oklahoma 33

With a display of last minute heroics, the Oregon Ducks managed to upset the Oklahoma Sooners on Saturday. Thanks to two last minute touchdowns, an onside kick recovery, and a blocked field goal all within the last 72 seconds of the game, the Ducks announced to the world that they are a force to be reckoned with.
Oklahoma running back Adrian Peterson’s 211 yards rushing on 34 carries and quarterback Paul Thompson 13-of-23 for 174 yards performance was just not enough to overcome the Ducks, who are 5-0 against ranked non-conference opponents since 1995.
Oregon received spectacular performances from quarterback Dennis Dixon, who threw for 26-of-41 for 341 yards and two touchdowns, and receiver Jaison Williams, who had 9 receptions for 177 yards and one touchdown. Running back Jonathon Stewart also added to the mix by going

for 144 yards on 23 carries.
#20 TCU 12, #24 Texas Tech 3
The TCU Horned Frogs got revenge on Texas Tech for the 70-35 thrashing they received two years ago by defeating the Red Raiders 12-3 on Saturday. TCU was able to hold the Red Raiders to just a field goal and less than 260 yards of offense, including 54 yards of rushing. This was only the second time coach Mike Leach’s team has gone without a touchdown in his seven year tenure at Texas Tech.
Star kicker Chris Manfredini scored all 12 points for the Horned Frogs, with his longest being from 35 yards out.

#4 USC 28, #19 Nebraska 10
Even though USC has lost some of their best players to the NFL, they have found a way to keep on winning. The Trojans showed that they are still national title contenders by soundly defeating the storied Nebraska Cornhuskers 28-10 on Saturday.
While the offensive threat of USC isn’t as intimidating as it was last year, their once sketchy defense has stepped up to the plate to shoulder the responsibility of making the Trojans a contender.
USC quarterback John David Booty went 25-of-36 for 257 yards with three touchdowns and All-American receiver Dwayne Jarret caught two touchdown passes, placing him second on the PAC-10 career touchdown receptions list.

#7 Florida 21, #13 Tennessee 20
Regardless of trailing for the majority of the game, the Florida Gators put together a last minute drive to squeak past the conference rival Tennessee Volunteers.
Performances from Gator quarterback Chris Leak, who went 15-of-26 with three touchdowns for 199 yards, and running back DeShawn Wynn, who touched the ball 22 times for 104 yards, helped lead Florida to its third straight victory.
Florida’s suffocating defense held the Vols to -11 yards rushing on the entire night.
Saturday’s loss to Florida places Tennessee in a difficult situation due to the strength of the SEC. The Vols will have to play catch up for the rest of the year if they have any hopes of a BCS berth.

“Seperation Saturday” Aftermath	
How did your team fair in this week’s ranking?	
Last Week	This Week
1. Ohio State	1. Ohio State
2. Notre Dame	2. Auburn
3. Auburn	3. USC
4. USC	4. W. Virginia
5. W. Virginia	5. Florida
6. LSU	6. Michigan
7. Florida	7. Texas
8. Texas	8. Louisville
9. Florida St.	9. Georgia.
10. Georgia	10. LSU
11. Michigan	11. Va. Tech
12. Louisville	12. Notre Dame
13. Tenn.	13. Oregon.
14. Va. Tech	14. Iowa
15. Oklahoma	15. Tenn.
16. Iowa	16. TCU
17. Miami (FL)	17. Oklahoma
18. Oregon	18. Florida St.
19. Nebraska	19. Clemson
20. TCU	20. BC
21. California	21. California
22. Arizona St.	22. Arizona St.
23. BC	23. Nebraska
24. Texas Tech	24. Penn St.
25. Penn St.	25. Boise St.

his right thumb and is expected to be out for a couple weeks. Bohm is hopeful that there is no permanent damage and that he will be back in time for the

41 for 341 yards and two touchdowns, and receiver Jaison Williams, who had 9 receptions for 177 yards and one touchdown. Running back Jonathon Stewart also added to the mix by going

Florida Marlins Make Good on the Cheap



Courtesy John Amis -AP
With several rookies like Dan Uggla and a few veterans like Miguel Cabrera, the Marlins have found success earlier than expected

Courtesy Washinton Post Sept. 17, 2006
When Florida Marlins Manager Joe Girardi stood before his team on one of the first days of spring training, only the most passionate of baseball enthusiasts would have recognized the players surrounding him. Fifty-three of the 59 invitees to camp had spent at least part of the 2005 season in the minor leagues. Thirty-eight had less than a season of major league experience and among those 38, 20 had none.
The Marlins had shipped off most of their veterans in order to slash payroll and were widely projected

to be the worst team in baseball. But Girardi, a rookie manager, had other ideas.
“I don’t expect to lose,” he announced as he looked around the locker room in Viera, Fla., according to several players and Girardi. “I expect to go out and win the World Series.”
The reaction, rookie pitcher Scott Olsen said, was telling.
“I think the room went dead silent,” said Olsen, who has won 12 games. “We all kind of looked around and said, ‘All right. If that’s the attitude he’s going to have, that’s the attitude we’re going to have.’ . . . We knew we weren’t as bad as everybody said.”

The Marlins haven’t been merely not bad, they’ve been one of the most surprising stories in baseball in years. Girardi has played 22 rookies so far, yet the team’s winning percentage has hovered around .600 since May 21 and the Marlins are contending for a playoff spot, 3 1/2 games behind the Padres in the NL wild-card race entering Friday night. They are a walking advertisement for being thoughtfully cheap and the perfect foil to anyone who claims to be a serious seamhead.
The Marlins are curently 4.5 games out of the wild card spot in the National Leauge.

Number Theory

3.4% % increase in illicit drug use among 18-25 year olds from 2002-2005 ¹

63% % increase in illicit drug use among "baby-boomers" (50-59) during the same time period ¹

4X increase in likelihood that a married man will die during sex, if the person he is having sex with is not his partner²

≈250,000 Number of men who report being abused by thier wives every year ²

1: http://www.usatoday.com/news/health/2006-09-07-drug-use-report_x.htm
2: <http://www.hookedonfacts.com/index.htm>

Potent Quotabables

“ It is like putting a high school quarterback on the Denver Broncos and having him start the game.”

-Scott McInnis (R) former 6 term congressman from CD-3. Referring to Bob Beauprez (R) campaign staffs inability to manage a statewide race³

“ The internet is not something you just dump something on, it's not a big truck. it's, it's a *series of tubes*. ”

-Sen. Ted Stevens (R-AK) during a floor speech about netwrok neutrality ⁴

3: Rocky Mountain News, Sept. 16 2006
4. http://en.wikipedia.org/wiki/Series_of_tubes

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Coloradans For A Fair Minimum Wage is immediately hiring door-to-door canvassers. Successful applicants are self-motivated team players with a commitment to social and economic justice. Applicants must have valid drivers' license, insurance and a reliable vehicle.

This is a part-time position through the November 7th election. Evening and weekend work is required. Salary is \$300/week.

Interested applicants should call Susan Shepherd at (303) 960-9783 to schedule an interview and submit your resume to sshepherd@denverlabor.org by Friday, September 29th.

On the ballot this November, **Amendment 42** would raise Colorado's minimum wage from \$5.15 to \$6.85 an hour with an annual cost of living adjustment. For more information on Amendment 42, please visit <http://www.raisethewage.net>.

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Astronomy Club

Ever watch the sky? Come join the Astronomy Club and learn basic astronomy! Our meetings are Thursday at 7:00 pm. Contact Mark Gefreh at Mgefreh@mines.edu with any questions.

CRU

Campus Crusade for Christ. Thurs. @ 8 in SC-D. Everyone welcome, join for worship @ 7 before meetings. .

Circle K

Circle K is a volunteer org. helping people. Got tons of projects, just need you! Contact jrisner@mines.edu.

Dance Team

Interested in dancing? Offers both beginning and advanced classes in: jazz, lyrical, hip hop, and tap. Times & directions, for info contact hbrown@mines.edu.

FCA

Fellowship of Christian Athletes. Weds. 7:30 SC-D&E. All welcome. jwells@mines.edu.

Karate Club

Meets every Moday and Wednesday Night, from 6:30 to 7:00 pm in the gym wrestling room. All levels of experience, from beginner to advanced, are welcome! For more information, contact Jason Dardano at ddardano@mines.edu.

MSEC

"Materials Science and Engineering Club meets Friday in HH 202 at noon. Lunch is provided for members, and guest lecturers will be speaking."

jeperkin@mines.edu.

Newman Group

Catholic Newman Group. Meets every Monday at 7pm in the Ted Adams Room of the Green Center for faith based discussion and community. ccooper@mines.edu for more info.

PHATES

Peers Helping Aid in Tough Everyday Situations. "We are listening..." Dedicated to listening to your problems. Mel Kirk, Student Development Center 303-273-3377.

SCA

Students for Creative Anachronism. Fencing meets Thrus. 7-9 in the Field House. Belly & court dance Tues. 7-9 in SC. dhoberec@mines.edu.

Sigma Lambda

1st and 3rd Tuesdays of Every Month Student Center -- 236

EVERYONE WELCOME: gay, bisexual, transgendered & allies. sigmalambda@mines.edu.

Sober Drivers

Need a ride home on Fri. or Sat. night between 9 pm & 3 am? Kappa Sigma Sober Driver Program 303-279-9951. Must be within 15 min. of campus.

SWE

Society of Women Engineers. Hear from speakers in industry, universities etc. on topics affecting women & students at Mines. Weds. 12 CO 209 jnekuda@mines.edu.

Club Tennis

New members welcome for info, email Megan Shibao at mshibao@mines.edu.

EBW

Help to engineer a better world with Engineers for a Better World. We meet every 1st and 3rd Tuesday at 5pm in Stratton Hall, room 102. Meetings are casual, information, stimulating, and potluck style. For more information contact Natalie Wagner at nwagner@mines.edu

National Suicide hotline
1-800-SUICIDE